WCM
POWER

No. 16, Jalan Teknologi 3/5,
Taman Sains Selangor 1
47810 Kota Damansara,
Selangor Darul Ehsan, Malaysia.

Tel : +6 03 6148 3725 / 3726
Fax : +6 03 6140 9799
Email : enquiry@wcmgroup.my
Web : www.wcmpower.com

WCM Power is part of the prestigious WCM Group

Power Generation Industrial

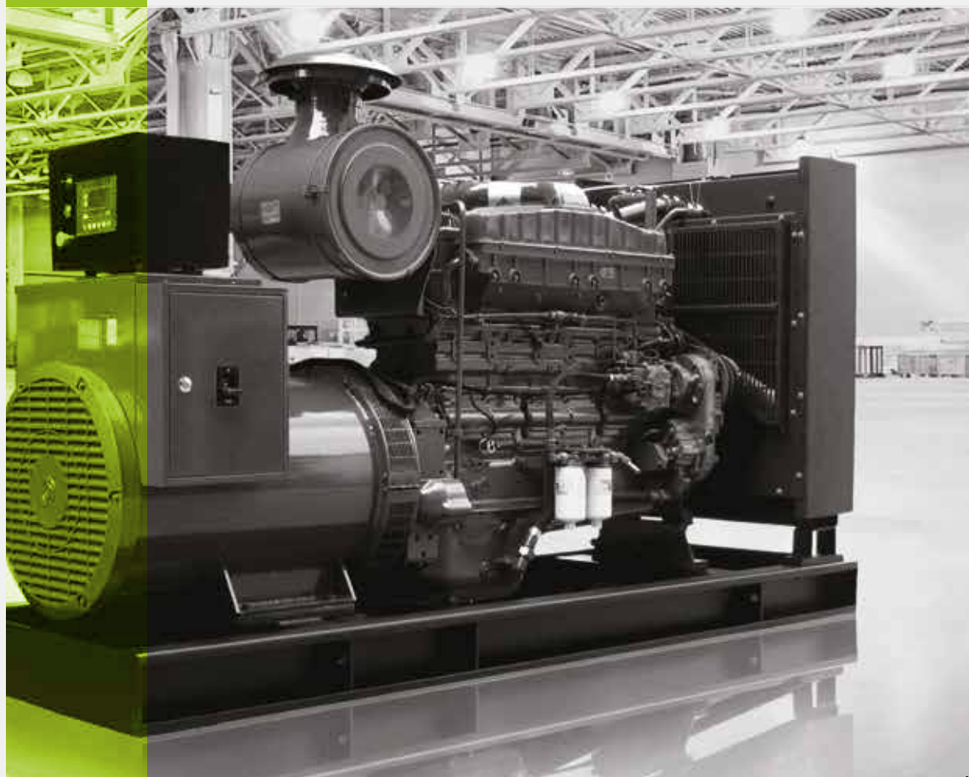
Product Catalogue

WCM
POWER

WCM ENERGY
YOUR TRUSTED POWER SYSTEMS

Never let your business feel powerless against unpredictable weather and unforeseen power outgates.

We. At WCM Power are a one stop solution for all your power requirements, from our quality products to our dedicated professionals. We have all you need and more.



Capitalizing 30 years of industrial experience

WCM Group's existence dates back decades to 1981 and has been in the business of providing one-stop solutions to the sale, service and rental of light machinery ever since.

It has capitalized on its 30 over years of industrial experience and transformed itself from a light machinery rental company to a "One-stop Turnkey Solutions Provider" that services the construction, oil and gas, marine and agricultural industries among others.

Today, we have also diversified our experience and made a mark in the industry through our various offerings that created specialized divisions within the company.

These include the Machinery, Power, Oil & Gas and Ventures divisions that cater to more specified client needs while continuously expanding the reputation of the group.

MACHINERY

From being a machinery rental company, the WCM Machinery division has evolved into a one-stop turnkey machinery solutions provider, providing services including maintenance, reconditioning, repairing, testing, commissioning and after-sales-services for quality light machinery including power generators, air compressors, welding sets and forklifts among others.

POWER

Our WCM Power division focuses on designing, building, testing and installing power generator sets and mini power plants, all made specifically to our clients' project requirements. We use high quality engines and alternators to produce these generator sets through our house brand WCM Energy.

Within WCM Power is five sub divisions, namely the PGI, POG, RED, MED and TPG, each adding to the overall expertise of the division

PGI The Power Generation Industrial sub-division carries the reputation as designer, builder and supplier of diesel or gas engine power generator sets for both local and foreign markets. These generators also use alternators that are brushless, self-regulating, self-exciting, drip-proof, screen protected and fully tropicalized.

POG The Power Generation Oil & Gas sub-division emphasizes on customization by putting together generator sets that suit varying needs in the oil and gas industry. Without compromising on quality, we provide engineering expertise in the assembly, installation and testing of generators, radiators, skid bases, acoustic enclosures and control systems, among other components.

RED The growing need for alternative energy brought rise to our business within the Renewable Energy sub-division. We use major renewable energy sources including solar power, biogas, biomass and hydropower to deliver innovative, reliable, efficient and clearer energy solutions to clients primarily in the oil and gas industries.

MED Our Mechanical & Electrical sub-division goes beyond one-off mechanical and electrical construction and engineering projects. MED's mechanical services comprise of heating ventilation, air conditioning, cold water and sanitary plumbing, fire protection and lift systems, while we provide electrical solutions such as the conduct of low voltage electrical work ranging from domestic and public application to commercial installations.

TPG With our Temporary Power Generation division, we aim to provide temporary power plant solutions for power utilities across the nation. This move became a realization from observing a global trend emerging in the need for temporary power solutions.

OIL & GAS

The WCM Oil & Gas division is the market leader in the rental of the Habitat System, a flexible positive-pressure enclosure that is designed as a high-tech automatic safety shutdown system used in both offshore and onshore oil and gas hotwork activities.

VENTURES

Incorporated in 1989, WCM Ventures aims to undertake commercial and industrial property investments that generate long-term rental income. This is done by focusing on leasing boutique factories, showrooms, warehouse logistics and offices to MNC companies on a long-term basis.

Through all of these, our vast experience and expertise in machinery remains the anchor of the group's overall success.

All these elements combined, allows WCM Group to bring together skilled expertise in order to meet individual industry needs in terms of quality and affordability.

WCM Group also prides itself in being led by an experienced management team, with over 200 employees and counting.

As a testament of our success, we have also become a regional industrial player, serving an extensive network of customers from different industries across the region.

Genset Specifications:

* The information stated in this leaflet is to assist users and intended for general guidance only. Specifications can be changed without notice for the purpose of product improvement.

GENSET MODEL		WCM 80VML / 80VMC		WCM 100VML / 100VMC		WCM 125VML / 125VMC		WCM 150VML / 150VMC	
Rated Output	Standby	88 / 70.4		110 / 88		143 / 114		165 / 132	
kVA / Kw	Prime	80 / 64		100 / 80		130 / 104		150 / 120	
Engine Model		TAD530GE		TAD531GE		TAD532GE		TAD731GE	
Cylinder / Arrangement	nos	4 In-line		4/In-line		6/In-line		6/In-line	
Displacement	l	4.76		4.76		4.76		7.15	
Bore x Stroke	mm	108 x130		108 x 130		108 x130		108 x 130	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		18 : 1		18 : 1		17.5 : 1		18 : 1	
Lub Oil Capacity	l	13		13		13		20	
Governor Type		MECHANICAL		MECHANICAL		ELECTRONIC		ELECTRONIC	
System Voltage	v	12		12		12		12	
Coolant Capacity	l	12.5		12.5		13		14	
Fuel Consumption (±10%)	100% l/h	21		24		28.5		34.5	
	75% l/h	16		18		21		27	
	50% l/h	11		13		14.5		18	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB225SA4	ECP34-1S/4	MJB225MA4	ECP34-2S/4	MJB225LA4	ECP34-1L/4	MJB250MA4	ECP34-2L/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		2600 X 1200 X 1600		2600 X 1200 X 1600		2700 X 1300 X 1600		2900 X 1300 X 1600	
Genset Weight, approx.	kgs	1200		1300		1350		1600	

GENSET MODEL		WCM 180VML /180 VMC		WCM 200VML / 200VMC		WCM 250VML / 250VMC		WCM 275VML / 275VMC	
Rated Output	Standby	198 / 158		220 / 176		275 / 220		303 / 242	
kVA / Kw	Prime	180 / 144		200 / 160		250 / 200		275 / 220	
Engine Model		TAD732GE		TAD733GE		TAD734GE		TAD940GE	
Cylinder / Arrangement	nos	6/In-line		6/In-line		6/In-line		6/In-line	
Displacement	l	7.15		7.15		7.15		9.36	
Bore x Stroke	mm	108 x 130		108 x130		108 x130		120 x 138	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		18 : 1		18.1 : 1		17 : 1		20.2 : 1	
Lub Oil Capacity	l	34		34		29		33	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	28.6		28.6		24		24	
Fuel Consumption (±10%)	100% l/h	40		45		55		60.5	
	75% l/h	30		33.5		44		44.5	
	50% l/h	20.5		22.5		31.5		31	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB250MB4	ECO38-1SN/4	MJB250LA4	ECO38-2SN/4	MJB250LB4	ECO38-1LN/4	MJB315SA4	ECO38-2LN/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3000 X 1400 X 1800		3100 X 1400 X 1800		3200 X 1450 X 1600		3300 X 1500 X 1900	
Genset Weight, approx.	kgs	1800		1850		2100		2700	

GENSET MODEL		WCM 300VML / 300VMC		WCM 350VML / 350VMC		WCM 370VML / 370VMC		WCM 400VML / 400VMC	
Rated Output	Standby	330 / 264		385 / 308		410 / 328		440 / 352	
kVA / Kw	Prime	300 / 240		350 / 280		370 / 296		400 / 320	
Engine Model		TAD1341GE		TAD1342GE		TAD1343GE		TAD1344GE	
Cylinder / Arrangement	nos	6/In-line		6/In-line		6/In-line		6/In-line	
Displacement	l	9.36		12.78		12.78		12.78	
Bore x Stroke	mm	131 x 158		131 x 158		131 x 158		131 x 158	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		18 . 1		18.5 : 1		18.5 : 1		18.1 : 1	
Lub Oil Capacity	l	33		36		36		36	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	24		24		24		24	
Fuel Consumption (±10%)	100% l/h	62		69		74.3		82	
	75% l/h	47		52		56		62	
	50% l/h	31		35		37		41	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB315SA4	ECO38-2LN/4	MJB315MB4	ECO38-3LN/4	MJB315MA4	ECO40-1S/4	MJB315MA4	ECO40-1S/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3500 X 1500 X 1700		3600 X 1500 X 1700		3600 X 1500 X 1700		3600 X 1500 X 1700	
Genset Weight, approx.	kgs	3150		3700		3500		2900	

GENSET MODEL		WCM 450VML / 450VMC		WCM 500VML / 500VMC		WCM 550VML / 550VMC		WCM 630VML / 630VMC	
Rated Output	Standby	495 / 396		550 / 440		627 / 502		693 / 554	
kVA / Kw	Prime	450 / 360		500 / 400		570 / 456		630 / 504	
Engine Model		TAD1345GE		TAD1641GE		TAD1642GE		TwD1643GE	
Cylinder / Arrangement	nos	6/In-line		6/In-line		6/In-line		6/In-line	
Displacement	l	12.78		16.12		16.12		16.12	
Bore x Stroke	mm	131 x 158		144 x 165		144 x 165		144 x 165	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		18.1 : 1		16.1 : 1		16.1 : 1		16.5 : 1	
Lub Oil Capacity	l	36		42		48		48	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	24		60		60		93	
Fuel Consumption (±10%)	100% l/h	91		103		118		131	
	75% l/h	68.3		76.5		87		97	
	50% l/h	46		51.5		58.5		64.5	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB315MB4	ECO40-2S/4	MJB355SA4	ECO40-3S/4	MJB355SB4	ECO40-1L/4	MJB355MA4	ECO40-1.5L/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3600 X 1500 X 1700		3800 x 1520 x 1900		4000 X 1600 X 2100		4150 X 1750 X 2230	
Genset Weight, approx.	kgs	3550		4000		4100		5100	

WCM POWER

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GENSET MODEL		WCM 60DML / DMC		WCM 80DML / DMC		WCM 125DML / DMC		WCM 150DML / DMC	
Rated Output	Standby	66 / 53		88 / 70		137 / 110		165 / 132	
kVA / Kw	Prime	60 / 48		80 / 64		125 / 100		150 / 120	
Engine Model		DB58		D1146		D1146T		DP086TA	
Cylinder / Arrangement	nos	6 / In-line		6 / In-line		6 / In-line		6 / In-line	
Displacement	l	5.8		8.1		8.1		8.1	
Bore x Stroke	mm	102 x 118		111 x 139		111 x 139		111 x 139	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		17.5 : 1		17.5 : 1		16.8 : 1		16.7 : 1	
Lub Oil Capacity	l	19		15.5		15.5		15.5	
Governor Type		MECHANICAL		MECHANICAL		MECHANICAL		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	34		34		34		44	
Fuel Consumption (±10%)	100% l/h	13.9		20.6		25.9		34	
	75% l/h	10.5		15.9		19.5		26	
	50% l/h	7.6		11.3		13.6		17	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB200MA4	ECO32-2L/4	MJB225SA4	ECO34-1S/4	MJB225LA4	ECO34-1L/4	MJB250MA4	ECO34-2L/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		2500 x 900 x 1500		2500 x 900 x 1600		2500 x 900 x 1600		2900 x 1050 x 1800	
Genset Weight, approx.	kgs	1150		1500		1600		1800	

GENSET MODEL		WCM 200DML / DMC		WCM 225DML / DMC		WCM 275DML / DMC		WCM 300DML / DMC	
Rated Output	Standby	220 / 176		247 / 198		302 / 242		330 / 264	
kVA / Kw	Prime	200 / 160		225 / 180		275 / 220		300 / 240	
Engine Model		P086TI		DP086LA		P126TI		P126TI-II	
Cylinder / Arrangement	nos	6 / In-line		6 / In-line		6 / In-line		6 / In-line	
Displacement	l	8.1		8.1		11.1		11.1	
Bore x Stroke	mm	111 x 139		111 x 139		123 x 155		123 x 155	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		16.4 : 1		16.7 : 1		17 : 1		17 : 1	
Lub Oil Capacity	l	15.5		15.5		23		23	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	44		44		51		51	
Fuel Consumption (±10%)	100% l/h	43.1		49		58.1		63.1	
	75% l/h	31.7		37		43.6		47	
	50% l/h	21.1		25		30		31.3	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB250LA4	ECO38-2SN/4	MJB250LA4	ECO38-2SN/4	MJB315SA4	ECO38-2LN/4	MJB315SA4	ECO38-2LN/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3000 x 1100 x 1800		3000 x 1100 x 1800		3200 x 1100 x 1800		3200 x 1100 x 1800	
Genset Weight, approx.	kgs	1800		1800		2200		2200	

GENSET MODEL		WCM 350DML / DMC		WCM 400DML / DMC		WCM 450DML / DMC		WCM 500DML / DMC	
Rated Output	Standby	385 / 308		440 / 352		495 / 396		550 / 440	
kVA / Kw	Prime	350 / 280		400 / 320		450 / 360		500 / 400	
Engine Model		P158LE-I		P158LE		DP158LC		DP158LD	
Cylinder / Arrangement	nos	8 / V-Type		8 / V-Type		8 / V-Type		10 / V-Type	
Displacement	l	14.6		14.6		14.6		14.6	
Bore x Stroke	mm	128 x 142		128 x 142		128 x 142		128 x 142	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		17 : 1		15 : 1		14.6 : 1		15 : 1	
Lub Oil Capacity	l	21		21		22		22	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	80		80		80		79	
Fuel Consumption (±10%)	100% l/h	79		89.3		100		115	
	75% l/h	61		65.1		73		83	
	50% l/h	42		43.9		49		55	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB315SB4	ECO38-3LN/4	MJB315MA4	ECO40-1S/4	MJB315MB4	ECO40-2S/4	MJB355SA4	ECO40-3S/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3300 x 1400 x 2000		3300 x 1400 x 2000		3500 x 1400 x 2100		3500 x 1400 x 2100	
Genset Weight, approx.	kgs	2700		2800		3000		3300	

GENSET MODEL		WCM 550DML / DMC		WCM 650DML / DMC		WCM 680DML / DMC		WCM 750DML / DMC	
Rated Output	Standby	605 / 484		715 / 572		748 / 598		825 / 660	
kVA / Kw	Prime	550 / 440		630 / 504		680 / 544		750 / 600	
Engine Model		DP180LA		DP180LB		DP222LB		DP222LC	
Cylinder / Arrangement	nos	10 / V-Type		10 / V-Type		12 / V-Type		12 / V-Type	
Displacement	l	18.3		18.3		21.9		21.9	
Bore x Stroke	mm	128 x 142		128 x 142		128 x 142		128 x 142	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		15 : 1		15 : 1		15.0 : 1		15.0 : 1	
Lub Oil Capacity	l	34		34		40		40	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	91		91		114		114	
Fuel Consumption (±10%)	100% l/h	124		136.4		147		162	
	75% l/h	94		103.8		110		120	
	50% l/h	65		71.2		73		79	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB355SB4	ECO40-1L/4	MJB355MA4	ECO40-2L/4	MJB355MA4	ECO40-2L/4	MJB355MB	ECO43-1SN/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0,8	0.8	0,8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3800 x 1400 x 2100		3800 x 1400 x 2100		3800 x 1400 x 2100		3800 x 1400 x 2100	
Genset Weight, approx.	kgs	4200		4200		4200		4200	

WCM POWER

DOOSAN (Diesel) MarelliMotori meccalte WCM ENERGY

Genset Specifications:

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GENSET MODEL		WCM 9PLS / 9PSF		WCM 13PLS / 13PSF		WCM 20PLS / 20PSF		WCM 30PLS / 30PSF		WCM 45PLS / 45PSF	
Rated Output	Standby	10 / 8		14 / 11		22 / 18		33 / 26		50 / 40	
kVA / Kw	Prime	9 / 7		13 / 10		20 / 16		30 / 24		45 / 36	
Engine Model		**403D-11G / 403A-11G1**		**403D-15G / 403A-15G1**		**404D-22G / 404A-22G1**		**1103A-33G**		**1103A-33TG1**	
Cylinder / Arrangement	nos	3 / IN-LINE		3 / IN-LINE		4 / IN-LINE		3 / IN-LINE		3 / IN-LINE	
Displacement	l	1.131		1.496		2.216		3.3		3.3	
Bore x Stroke	mm	77 x 81		84 x 90		84 x 100		105 x 127		105 x 127	
Engine Speed / Frequency	rpm	1500		1500		1500		1500		1500	
Compression Ratio		23 : 1		22.5 : 1		23.3 : 1		19.25 : 1		17.25 : 1	
Lub Oil Capacity	l	6		6		10.6		7.9		8	
Governor Type		MECHANICAL		MECHANICAL		MECHANICAL		MECH / ELEC		MECH / ELEC	
System Voltage	v	12		12		12		12		12	
Coolant Capacity	l	5		6		7		10.2		10.2	
Fuel Consumption (±10%)	100% l/h	2.6		3.6		5.3		7.2		10.7	
	75% l/h	2		2.8		4		5.6		8.2	
	50% l/h	1.3		2		2.9		4		5.7	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSAP40C**	**PI044E**	**LSAP40D**	**PI044G**	**LSAP40G**	**PI144D**	**LSAP42D**	**PI144G**	**LSAP43D**	**UCI224D**
Insulation Class		H	H	H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		1600 x 730 x 1200		1600 x 730 x 1200		1800 x 900 x 1200		2000 x 1050 x 1300		2000 x 1050 x 1400	
Genset Weight, approx.	kgs	360		430		550		800		950	

GENSET MODEL		WCM 60PLS / 60PSF		WCM 80PLS / 80PSF		WCM 90PLS / 90PSF		WCM 100PLS / 100PSF		WCM 110PLS / 100PSF	
Rated Output	Standby	66 / 52		88 / 70		100 / 80		110 / 88		110 / 88	
kVA / Kw	Prime	60 / 48		80 / 64		90 / 72		100 / 80		100 / 80	
Engine Model		**1103A-33TG2**		**1104A-44TG2**		**1006TG1A**		**1006TG2A**		**1104C-44TAG2**	
Cylinder / Arrangement	nos	3 / IN-LINE		4 / IN-LINE		4 / IN-LINE		6 / IN-LINE		6 / IN-LINE	
Displacement	l	3.3		4.4		4.41		5.99		4.41	
Bore x Stroke	mm	105 x 127		105 x 127		105 x 127		100 x 127		105 x 127	
Engine Speed / Frequency	rpm	1500		1500		1500		1500		1500	
Compression Ratio		17.25 : 1		17.25 : 1		16 : 1		16 : 1		18.2 : 1	
Lub Oil Capacity	l	8		16		16		16		8	
Governor Type		MECH / ELEC		MECH / ELEC		MECH / ELEC		MECH / ELEC		MECH / ELEC	
System Voltage	v	12		12		12		24		24	
Coolant Capacity	l	10.2		13		30		30		13	
Fuel Consumption (±10%)	100% l/h	13.9		18.7		21.8		21.8		22.6	
	75% l/h	10.4		14		16.5		16.5		17.1	
	50% l/h	7.2		9.7		11.4		11.4		11.2	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSAP43E**	**UCI224E**	**LSAP43F**	**UCI224G**	**LSAP44C**	**UCI274C**	**LSAP44D**	**UCI274C**	**LSAP44D**	**UCI274C**
Insulation Class		H	H	H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		2100 x 1050 x 1400		2300 x 1050 x 1300		2300 x 1050 x 1300		2300 x 1050 x 1300		2300 x 1150 x 1400	
Genset Weight, approx.	kgs	960		1100		1100		1400		1100	

GENSET MODEL		WCM 130PLS / 130PSF		WCM 140PLS / 140PSF		WCM 150PLS / 150PSF		WCM 150PLS / 150PSF		WCM 180PLS / 180PSF	
Rated Output	Standby	143 / 114		154 / 123		165 / 132		165 / 132		198 / 158	
kVA / Kw	Prime	130 / 104		140 / 112		150 / 120		150 / 120		180 / 144	
Engine Model		**1006TAG**		**1106A-70TAG1**		**1006TAG2**		**1006A-70TAG2**		**1006A-70TAG3**	
Cylinder / Arrangement	nos	6 / IN-LINE		6 / IN-LINE		6 / IN-LINE		6 / IN-LINE		6 / IN-LINE	
Displacement	l	5.99		5.99		5.99		7.01		7.01	
Bore x Stroke	mm	100 x 127		100 x 127		100 x 127		105 X 135		105 X 135	
Engine Speed / Frequency	rpm	1500		1500		1500		1500		1500	
Compression Ratio		17 : 1		17 : 1		17 : 1		16 : 1		16 : 1	
Lub Oil Capacity	l	19		19		17		17		17	
Governor Type		MECH / ELEC		MECH / ELEC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	12 / 24		12 / 24		12 / 24		24		24	
Coolant Capacity	l	37		37		37		21		21	
Fuel Consumption (±10%)	100% l/h	31.5		37		41		32.2		48.5	
	75% l/h	24.2		21.7		31		24.2		37.5	
	50% l/h	16.8		14.5		20		18		26.1	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSAP44F**	**UCI274E**	**LSAP44F**	**UCI274E**	**LSAP44G**	**UCI274F**	**LSAP44G**	**UCI274F**	**LSA46.2M3**	**UCI274G**
Insulation Class		H	H	H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		2900 x 1200 x 1400		2900 x 1200 x 1400		2900 x 1200 x 1400		2900 x 1200 x 1600		3000 x 1200 x 1500	
Genset Weight, approx.	kgs	1400		1400		1500		1700		1800	

GENSET MODEL		WCM 200PLS / 200PSF		WCM 220PLS / 220PSF		WCM 250PLS / 250PSF		WCM 275PLS / 275PSF		WCM 300PLS / 300PSF	
Rated Output	Standby	220 / 176		242 / 193		275 / 220		302 / 242		330 / 264	
kVA / Kw	Prime	200 / 160		220 / 176		250 / 200		275 / 220		300 / 240	
Engine Model		**1006A-70TAG4**		**1306A-E87TAG4**		**1306A-E87TAG6**		**1606A-E93TAG4**		**1606A-E93TAG5**	
Cylinder / Arrangement	nos	6 / IN-LINE		6 / IN-LINE		6 / IN-LINE		6 / IN-LINE		6 / IN-LINE	
Displacement	l	7.01		8.7		8.7		9.3		9.3	
Bore x Stroke	mm	105 X 135		117 X 136		116.6 X 135.9		117 X 146		117 X 146	
Engine Speed / Frequency	rpm	1500		1500		1500		1500		1500	
Compression Ratio		16 : 1		16.9 : 1		16.9 : 1		17.2 : 1		17.2 : 1	
Lub Oil Capacity	l	17		26		26.4		36		36	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24		24	
Coolant Capacity	l	21		24		24.2		31		31	
Fuel Consumption (±10%)	100% l/h	48.5		50		54		56		61	
	75% l/h	37.5		39		43		44		47	
	50% l/h	26.1		29		32		32		34	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSA46.2M5**	**UCI274H**	**LSAP46.2L6**	**UCDI274J**	**LSA46.2L6**	UCDI274K	**LSA46.2L9**	**HCI444D**	**LSA46.2VL12**	**HCI444D**
Insulation Class		H	H	H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3000 x 1200 x 1500		3300 x 1300 x 1800		3200 x 1300 x 1800		3500 x 1500 x 1800		3500 x 1500 x 1800	
Genset Weight, approx.	kgs	1800		2100		2100		2400		2400	

Genset Specifications:

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GENSET MODEL		WCM 350PLS / 350PSF		WCM 400PLS / 400PSF		WCM 450PLS / 450PSF		WCM 500PLS / 500PSF	
Rated Output	Standby	385 / 308		440 / 352		495 / 396		550 / 440	
kVA / Kw	Prime	350 / 280		400 / 320		450 /360		500 / 400	
Engine Model		**2206C-E13TAG2**		**2206C-E13TAG3**		**2506C-E13TAG1**		**2506C-E13TAG2**	
Cylinder / Arrangement	nos	6 / IN-LINE		6 / IN-LINE		6 / IN-LINE		6 / IN-LINE	
Displacement	l	12.5		12.5		15.2		15.2	
Bore x Stroke	mm	130 X 157		130 X 157		137 X 171		137 X 171	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		16.3 : 1		16.3 : 1		16. : 1		16. : 1	
Lub Oil Capacity	l	40		40		62		62	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	51.4		51.4		58		58	
Fuel Consumption (±10%)	100% l/h	75		85		107		113	
	75% l/h	58		65		80		85	
	50% l/h	40		46		54		57	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSA47.2VSI**	**HCI444E**	**LSA47.254**	**HCI444F**	**LSA47.255**	**HCI544C**	**LSA47.2M7**	**HCI544C**
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4000 x 1500 x 2100		4100 x 1500 x 2100		4400 x 1500 x 2100		4400 x 1500 x 2100	
Genset Weight, approx.	kgs	3200		3400		3650		3650	

GENSET MODEL		WCM 600PLS / 600PSF		WCM 630PLS /630 PSF		WCM 750PLS / 750PSF		WCM 800PLS / 800PSF	
Rated Output	Standby	660 / 528		693 / 554		825 / 660		880 / 704	
kVA / Kw	Prime	600 / 480		630 / 504		750 / 600		800 / 640	
Engine Model		**2806C-E18TAG1A**		**2806A-E18TAG2**		**4006-23TAG2A**		**4006-23TAG3A**	
Cylinder / Arrangement	nos	6 / IN-LINE		6 / IN-LINE		6 / IN-LINE		6 / IN-LINE	
Displacement	l	18.1		18.1		22.921		22.921	
Bore x Stroke	mm	145 X 183		145 X 183		160 X 190		160 X 190	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		14.5 : 1		14.5 : 1		13.6 : 1		13.6 : 1	
Lub Oil Capacity	l	62		56		113		113	
Governor Type		MECH / ELEC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	61		61		105		105	
Fuel Consumption (±10%)	100% l/h	129		125		157		172	
	75% l/h	97		94		118		130	
	50% l/h	63		63		79		90	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSA47.2L9**	**HCI544E**	**LSA49.1S4**	**HCI544F**	**LSA49.1M65**	**LVI634B**	**LSA49.1M75**	**LVI634C / HCI634G**
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4250 x 1900 x 2200		4300 x 1900 x 2200		5000 x 2100 x 2300		5000 x 2100 x 2300	
Genset Weight, approx.	kgs	4500		4400		5600		5700	

GENSET MODEL		WCM 1000PLS / 1000PSF		WCM 1250PLS / 1250PSF		WCM 1500PLS / 1500PSF		WCM 1700PLS / 1700PSF	
Rated Output	Standby	1100 / 880		1375 / 1100		1650 / 1320		1870 / 1496	
kVA / Kw	Prime	1000 / 800		1250 / 1000		1500 / 1200		1700 / 1360	
Engine Model		**4008TAG2A**		**4012-46TWG2A**		**4012-46TAG2A**		**4012-46TAG3A**	
Cylinder / Arrangement	nos	8 / IN-LINE		12 / V-TYPE		12 / V-TYPE		12 / V-TYPE	
Displacement	l	30.561		45.842		45.842		45.842	
Bore x Stroke	mm	160 X 190		160 X 190		160 X 190		160 X 190	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		13.6 : 1		13.6 : 1		13.6 : 1		13.6 : 1	
Lub Oil Capacity	l	166		178		178		178	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	162		240		198		207	
Fuel Consumption (±10%)	100% l/h	226		262		305		354	
	75% l/h	163		196		229		267	
	50% l/h	109		131		152		177	
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**
Alternator Model		**LSAP49.1L11**	**LVI634E / HCI634J**	**LSA50.2M6**	**LVI634G**	**LSA50.2L8**	**PI734C**	**LSA51.2S55**	**PI734E**
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		5900 x 2300 x 2600		6000 x 2600 x 3100		6000 x 2500 x 2600		6100 x 2600 x 3000	
Genset Weight, approx.	kgs	8200		10050		11000		12000	

GENSET MODEL		WCM 1800PLS / 1800PSF		WCM 2000PLS / 2000PSF		WCM 2200PLS / 2200PSF			
Rated Output	Standby	1980 / 1584		2200 / 1760		2420 / 1936	2500 / 2000		
kVA / Kw	Prime	1800 / 1440		2000 / 1600		2200 / 1760	2250 / 1800		
Engine Model		**4016TAG1A**		**4016TAG2A**		**4016-61TRG3**			
Cylinder / Arrangement	nos	16 / V-TYPE		16 / V-TYPE		16 / V-TYPE			
Displacement	l	61.123		61.123		61123			
Bore x Stroke	mm	160 X 190		160 X 190		160 X 190			
Engine Speed / Frequency	rpm	1500		1500		1500			
Compression Ratio		13.6 : 1		13.6 : 1		13.6 : 1			
Lub Oil Capacity	l	238		237		237			
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC			
System Voltage	v	24		24		24			
Coolant Capacity	l	316		316		270			
Fuel Consumption (±10%)	100% l/h	383		434		470			
	75% l/h	277		316		344			
	50% l/h	185		210		234			
ALTERNATOR BRAND		**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**		
Alternator Model		**LSA51.2S55**	**PI734E**	**LSA51.2M60**	**PI734F**	**LSA51.2VL85**	**PI734G**		
Insulation Class		H	H	H	H	H	H		
Temperature Class		H	H	H	H	H	H		
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23		
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8		
OVERALL DIMENSION (L x W x H)mm		6600 x 3200 x 3600		6700 x 3200 x 3600		7000 x 2600 x 4000			
Genset Weight, approx.	kgs	14000		14500		15000			

WCM POWER

Perkins STAMFORD LEROY SOMER WCM ENERGY

Genset Specifications

Genset Specifications:

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GENSET MODEL		WCM 40CLS / 40CSF	WCM 50CLS/ 50CSF	WCM 60CLS / 60CSF	WCM 70CLS / 70CSF
Rated Output	Standby	44 / 35	55 / 44	66 / 53	77 / 61
kVA / Kw	Prime	40 / 32	50 / 40	60 / 48	70 / 56
Engine Model		4BT3.9-G2	4BTA3.9-G2	4BTA3.9-G2	6BT5.9-G2
Cylinder / Arrangement	nos	4/IN-LINE	4/IN-LINE	4/IN-LINE	6/IN-LINE
Displacement	l	3.9	3.9	3.9	5.9
Bore x Stroke	mm	102 x 120	102 x 120	102 x 120	102 x 120
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		16.5 : 1	16.5 : 1	16.5 : 1	16.8 : 1
Lub Oil Capacity	l	11	11	11	14.2
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	20.8	20.8	20.8	30
Fuel Consumption (±10%)	100% l/h	9.3	13.1	13.1	22
	75% l/h	7.3	9.8	9.8	17
	50% l/h	5.3	6.7	6.7	11
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSAP43C / PI144J	LSAP43D / UCI224D	LSAP43E / UCI224E	LSAP43F / UCI224F
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		1800 x 1000 x 1500	1800 x 1000 x 1500	1800 x 1000 x 1500	2300 x 1000 x 1500
Genset Weight, approx.	kgs	1000	1250	1250	1200

GENSET MODEL		WCM 80CLS / 80CSF	WCM 100CLS / 100CSF	WCM 114CLS / 114CSF	WCM 130CLS / 130CSF
Rated Output	Standby	88 / 70	110 / 88	125 / 100	143 / 114
kVA / Kw	Prime	80 / 64	100 / 80	113 / 90	130 / 104
Engine Model		6BT5.9-G2	6BTA5.9-G2	6BTAA5.9-G2	6BTAA5.9-G2
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/IN-LINE
Displacement	l	5.9	5.9	5.9	5.9
Bore x Stroke	mm	102 x 120	102 x 120	102 x 120	102 x 120
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		16.8 : 1	16.8 :1	17 : 1	16.8 : 1
Lub Oil Capacity	l	14.2	14.2	16.3	16.4
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	30	30	30	34
Fuel Consumption (±10%)	100% l/h	22	22	27	30
	75% l/h	17	20	20	23
	50% l/h	11	11	14	16
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSAP44C / UCI224G	LSAP44D / UCI274C	LSAP44D / UCI274D	LSAP44F / UCI274E
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		2300 x 1050 x 1600	2300 x 1050 x 1600	2700 x 1035 x 1600	2500 x 1050 x 1600
Genset Weight, approx.	kgs	1300	1300	1400	1400

GENSET MODEL		WCM 160CLS / 160CSF	WCM 180CLS / 180CSF	WCM 200CLS / 200CSF	WCM 220CLS / 220CSF
Rated Output	Standby	175 / 140	198 / 158	220 / 193	242 / 193
kVA / Kw	Prime	160 / 128	180 / 144	200 / 160	220 / 180
Engine Model		6CTA8.3-G2	6CTAA8.3-G2	6CTAA8.3-G2	6LTAA8.9-G2
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/IN-LINE
Displacement	l	8.3	8.3	8.3	8.9
Bore x Stroke	mm	114 x 135	114 x 135	114 x 135	114 x 145
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		16.5 :1	17:1	16 : 1	16 : 1
Lub Oil Capacity	l	24	24	24	24
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	38	38	40	40
Fuel Consumption (±10%)	100% l/h	40	40	46	53
	75% l/h	30	30	34	39
	50% l/h	20	20	27	27
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSAP44H / UCI274F	LSA46.2M3 / UCI274G	LSA46.2M5 / UCI274H	LSA46.2L6 / UCI274J
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		2300 x 1050 x 1600	2400 x 1000 x 1500	2550 x 1000 x 1800	2600 x 1000 x 1800
Genset Weight, approx.	kgs	1400	1800	1700	1700

GENSET MODEL		WCM 250CLS / 250CSF	WCM 300CLS / 300CSF	WCM 310CLS / 310CSF	WCM 350CLS / 350CSF
Rated Output	Standby	275 / 220	330 / 264	341 / 272	385 / 308
kVA / Kw	Prime	250 / 200	300 / 240	310 / 248	350 / 280
Engine Model		6LTAA8.9-G2	NTAA855-G1	MTAA11-G3	NTA855-G2A
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/IN-LINE
Displacement	l	8.9	14	10.8	14
Bore x Stroke	mm	114 x 145	140 x 152	125 x 147	140 x 152
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		16 : 1	14.5 : 1	15 : 1	14 : 1
Lub Oil Capacity	l	24	38.6	39	38.6
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	40	61	63	61
Fuel Consumption (±10%)	100% l/h	53	62	62	72
	75% l/h	39	46	46	54
	50% l/h	27	31	31	36
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSA46.2L9 / UCD274K	LSA46.2VL12 / HCI444D	LSA46.2VL12 / HCI444ES	LSA47.2V51 / HCI444E
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		3600 x 1000 x 1500	3350 x 1100 x 1700	3400 x 1200 x 1800	3400 x 1200 x 1800
Genset Weight, approx.	kgs	1700	3350	3200	3300

Genset Specifications:

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GENSET MODEL		WCM 400CLS / 400CSF	WCM 450CLS / 450CSF	WCM 500CLS / 500CSF	WCM 550CLS / 550CSF
Rated Output	Standby	440 / 352	495 / 396	550 / 440	605 / 484
kVA / Kw	Prime	400 / 320	450 / 360	500 / 400	550 / 440
Engine Model		NTAA855-G7A	KTA19-G3	KTA19-G4	KTA19-G5
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/IN-LINE
Displacement	l	14	18.9	18.9	18.9
Bore x Stroke	mm	140 x 152	159 x 159	159 x 159	159 x 159
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		14 : 1	14 : 1	14 : 1	14 : 1
Lub Oil Capacity	l	38.6	50	50	50
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	61	60	66	66
Fuel Consumption (±10%)	100% l/h	74	97	107	134
	75% l/h	51	73	82	101
	50% l/h	27	51	57	72
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSA47.2S4 / HCI444F	LSA47.2S5 / HCI544C	LSA47.2M7 / HCI544C	LSA47.2L9 / HCI544E
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		3300 x 1300 x 1900	3600 x 1300 x 2000	3600 x 1300 x 2000	3800 x 1700 x 2000
Genset Weight, approx.	kgs	4800	4900	4900	5000

GENSET MODEL		WCM 625CLS / 625CSF	WCM 650CLS / 650CSF	WCM 750CLS / 750CSF	WCM 890CLS / 890CSF
Rated Output	Standby	690 / 550	715 / 572	825 / 660	979 / 783
kVA / Kw	Prime	625 / 500	650 / 520	650 / 520	890 / 712
Engine Model		KTAA19-G6A	QSKTAA19-G3	KTA38-G2A	KTA38-G2A
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	12 / V-TYPE	12 / V-TYPE
Displacement	l	18.9	37.8	37.8	37.8
Bore x Stroke	mm	159 x 159	159 x 159	159 x 159	159 x 159
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		13 : 1	15.5 : 1	14.5 : 1	14.5 : 1
Lub Oil Capacity	l	50	135	135	135
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	117	210	210	194
Fuel Consumption (±10%)	100% l/h	128	140	167	191
	75% l/h	96	104	128	147
	50% l/h	64	73	90	98
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSA49.1S4A / HCI544FS	LSA49.1S4 / HCI544F	LSA49.1M6S / LVI634B	LSA49.1L10 / LVI634D
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		3750 x 1700 x 2200	4400 x 1765 x 2300	4500 x 1700 x 2500	4500 x 1700 x 2500
Genset Weight, approx.	kgs	5000	6700	7900	7900

GENSET MODEL		WCM 1000CLS / 1000CSF	WCM 1125CLS / 1125CSF	WCM 1250CLS / 1250CSF	WCM 1500CLS / 1500CSF
Rated Output	Standby	1100 / 880	1237 / 990	1375 / 1100	1650 / 1320
kVA / Kw	Prime	1000 / 800	1125 / 900	1250 / 1000	1500 / 1200
Engine Model		KTA38-G5	KTA50-G3	KTA50-G8	KTA50-G8
Cylinder / Arrangement	nos	12 / V-TYPE	12 / V-TYPE	16 / V - TYPE	16 / V - TYPE
Displacement	l	37.8	37.8	50.3	50.3
Bore x Stroke	mm	159 x 159	159 x 159	159 x 159	159 x 159
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		13.9 : 1	13.9 : 1	14.9 : 1	14.9 : 1
Lub Oil Capacity	l	135	135	177	204
Governor Type		ELECTRONIC	ELECTRONIC	ELECTRONIC	ELECTRONIC
System Voltage	v	24	24	24	24
Coolant Capacity	l	258	280	300	300
Fuel Consumption (±10%)	100% l/h	209	256	261	309
	75% l/h	161	196	199	238
	50% l/h	113	137	139	167
ALTERNATOR BRAND		LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD	LEROY SOMER / STAMFORD
Alternator Model		LSA50.2S3 / LVI634J	LSA50.2M6 / LVI634K	LSA50.2M6 / LVI634G	LSA50.2L8 / PI734C
Insulation Class		H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		4400 x 2100 x 2600	4700 x 2100 x 2600	5700 x 2100 x 2600	5700 x 2100 x 2600
Genset Weight, approx.	kgs	7800	7900	9800	10000

Note: WCM 1600CSF and above is available upon request.

Genset Specifications

Genset Specifications:

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GENSET MODEL		WCM 750MTSF / 750MTLS		WCM 1000MTFSF / 1000MTLS		WCM 1250MTFSF / 1250MTLS	
Rated Output	Standby	825 / 660		1100 / 880		1375 / 1100	
kVA / Kw	Prime	750 / 600		1000 / 800		1250 / 1000	
Engine Model		16V2 - PTAA		12V2 - PTA		12V2 - PTA	
Cylinder / Arrangement	nos	6/L-TYPE		12/V-TYPE		12/V-TYPE	
Displacement	l	29.96		37.11		49.03	
Bore x Stroke	mm	170 x 220		150 X 175		170 X 180	
Engine Speed / Frequency	rpm	1500		1500		1500	
Compression Ratio		14.1 : 1		14.1 : 1		14.1 : 1	
Lub Oil Capacity	l	100		200		180	
Governor Type		Electronic		Electronic		Electronic	
System Voltage	v	24		24		24	
Coolant Capacity	l	132		244		335	
Fuel Consumption (±10%)	100% l/h	163		220		291	
	75% l/h	122		170		218	
	50% l/h	87		115		155	
ALTERNATOR BRAND		**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**
Alternator Model		**HCI634G**	**LSA49.1M6S**	**HCI634J**	**LSA49.1L11**	**HCI734B**	**LSA50.2L7**
Insulation Class		H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4100 x 1800 x 2200		4500 x 1800 x 2400		4500 x 2100 x 2500	
Genset Weight, approx.	kgs	6150		9610		10900	

GENSET MODEL		WCM 1375MTFSF / 1375MTLS		WCM 1500MTFSF / 1500MTLS		WCM 1725MTFSF / 1725MTLS	
Rated Output	Standby	1512 / 1210		1650 / 1320		1897 / 1518	
kVA / Kw	Prime	1375 / 1100		1500 / 1200		1725 / 1380	
Engine Model		12R - PTA2		12R - PTAA2		16R - PTA	
Cylinder / Arrangement	nos	12/V-TYPE		12/V-TYPE		12/V-TYPE	
Displacement	l	49.03		49.03		65.37	
Bore x Stroke	mm	170 X 180		170 X 180		170 X 180	
Engine Speed / Frequency	rpm	1500		1500		1500	
Compression Ratio		13.5 : 1		13.5 : 1		14 : 1	
Lub Oil Capacity	l	180		180		230	
Governor Type		Electronic		Electronic		Electronic	
System Voltage	v	24		24		24	
Coolant Capacity	l	335		368		368	
Fuel Consumption (±10%)	100% l/h	294		309		342	
	75% l/h	220		231		260	
	50% l/h	150		160		175	
ALTERNATOR BRAND		**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**
Alternator Model		**HCI734B**	**LSA50.2L8**	**HCI734C**	**LSA50.2L8**	**HCI734E**	**LSA51.2S5S**
Insulation Class		H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4450 x 2150 x 2400		5300 x 2100 x 2600		5300 x 2100 x 2500	
Genset Weight, approx.	kgs	12250		12800		14200	

GENSET MODEL		WCM 1900MTFSF / 1900MTLS		WCM 2000MTFSF / 2000MTLS		WCM 2250MTFSF / 2250MTLS	
Rated Output	Standby	2090 / 1672		2200 / 1760		2420 / 1936	2475 / 1980
kVA / Kw	Prime	1900 / 1520		2000 / 1600		2200 / 1760	2250 / 1800
Engine Model		16R - PTA2		16R - PTAA		16R2 - PTAW	
Cylinder / Arrangement	nos	12/V-TYPE		12/V-TYPE		12/V-TYPE	
Displacement	l	65.37		65.37		79.9	
Bore x Stroke	mm	170 X 180		170 X 180		170 X 220	
Engine Speed / Frequency	rpm	1500		1500		1500	
Compression Ratio		13.5 : 1		13.5 : 1		14 : 1	
Lub Oil Capacity	l	230		230		290	
Governor Type		Electronic		Electronic		Electronic	
System Voltage	v	24		24		24	
Coolant Capacity	l	445		400		400	
Fuel Consumption (±10%)	100% l/h	390		403		470	
	75% l/h	300		308		360	
	50% l/h	200		202		250	
ALTERNATOR BRAND		**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**	**STAMFORD**	**LEROY SOMER**
Alternator Model		**HCI734E**	**LSA51.2M60**	**HCI734F**	**LSA51.2M60**	**HCI734G**	**LSA51.2VL90**
Insulation Class		H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		5300 x 2100 x 2700		6100 x 2200 x 2800		6400 x 2800 x 3400	
Genset Weight, approx.	kgs	15800		15000		19000	

Genset Specifications:

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GENSET MODEL		WCM 300MML / 300MMC		WCM 400MML / 400MMC		WCM 450MML / 450MMC		WCM 500MML / 500MMC		WCM 550MML / 550MMC	
Rated Output	Standby	341 / 273		440 / 352		495 / 396		550 / 440		605 / 484	
kVA / Kw	Prime	310 / 248		400 / 320		450 / 360		500 / 400		550 / 440	
Engine Model		D2866LE201		D2876LE201		D2848LE211		D2840LE201		D2840LE211	
Cylinder / Arrangement	nos	6/ In-line		6/In-line		8/V type		10/V type		10/V type	
Displacement	l	11.9		12.8		14.6		18.3		18.3	
Bore x Stroke	mm	128 X 155		128 X 166		128 X 14		128 X 142		128 X 142	
Engine Speed / Frequency	rpm	1500		1500		1500		1500		1500	
Compression Ratio		15.5 : 1		15.5 : 1		15.5 : 1		15.5 : 1		15.5 : 1	
Lub Oil Capacity	l	40		40		18		30		30	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24		24	
Coolant Capacity	l	48.3		48.3		86		86		86	
Fuel Consumption (±10%)	100% l/h	66		88		102		106		122	
	75% l/h	50		67		75		79		89	
	50% l/h	33		44		50		54		60	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB315SA4	ECO38-2LN/4	MJB315MA4	ECO40-1S/4	MJB315MB4	ECO40-2S/4	MJB355SA4	ECO40-3S/4	MJB355SB4	ECO40-1L/4
Insulation Class		H	H	H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3300 X 1600 X 2100		3500 X 1630 X 2100		3300 X 1800 X 2000		3700 X 2000 X 2200		3700 X 2000 X 2200	
Genset Weight, approx.	kgs	2600		2900		3100		3500		3800	

GENSET MODEL		WCM 630MML / 630MMC		WCM 680MML / 680MMC		WCM 400MML / 400MMC		WCM 500MML / 500MMC		WCM 550MML / 550MMC	
Rated Output	Standby	693 / 554		748 / 598		440 / 352		550 / 440		605 / 484	
kVA / Kw	Prime	630 / 504		680 / 544		400 / 320		500 / 400		550 / 440	
Engine Model		D2842LE201		D2842LE211		D2866LE203		D2876LE203		D2848LE213	
Cylinder / Arrangement	nos	12/V type		12/V type		6/In-line		6/In-line		8/V type	
Displacement	l	21.9		21.9		11.9		12.8		14.6	
Bore x Stroke	mm	128 X 142		128 X 142		128 X 155		128 X 166		128 X 142	
Engine Speed / Frequency	rpm	1500		1500		1500		1500		1500	
Compression Ratio		15.5 : 1		15.5 : 1		15.5 : 1		15.5 : 1		15.5 : 1	
Lub Oil Capacity	l	32		32		40		40		18	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24		24	
Coolant Capacity	l	98		98		48.3		48.3		86	
Fuel Consumption (±10%)	100% l/h	128		144		87		115		132	
	75% l/h	95		107		65		85		93	
	50% l/h	64		71		44		56		61	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB355MA4	ECO40-1.5L/4	MJB355MA4	ECO40-2L/4	MJB315MA4	ECO40-1S/4	MJB355SA4	ECO40-3S/4	MJB355SB4	ECO40-1L/4
Insulation Class		H	H	H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4100 X 2000 X 2200		4100 X 2000 X 2200		3400 X 1600 X 2100		3600 X 1600 X 2100		3400 X 1800 X 2000	
Genset Weight, approx.	kgs	4500		4600		2900		3100		3500	

GENSET MODEL		WCM 620MML / 620MMC		WCM 700MML / 700MMC		WCM 730MML / 730MMC		WCM 800MML / 800MMC	
Rated Output	Standby	682 / 545		770 / 616		803 / 642		880 / 704	
kVA / Kw	Prime	620 / 496		700 / 560		730 / 584		800 / 640	
Engine Model		D2840LE203		D2840LE213		D2842LE203		D2842LE213	
Cylinder / Arrangement	nos	10/ V type		10/V type		12/V type		12/V type	
Displacement	l	18.3		18.3		21.9		21.9	
Bore x Stroke	mm	128 X 142		128 X 142		128 X 142		128 X 142	
Engine Speed / Frequency	rpm	1500		1500		1500		1500	
Compression Ratio		15.5 : 1		15.5 : 1		15.5 : 1		15.5 : 1	
Lub Oil Capacity	l	30		30		32		32	
Governor Type		ELECTRONIC		ELECTRONIC		ELECTRONIC		ELECTRONIC	
System Voltage	v	24		24		24		24	
Coolant Capacity	l	86		86		98		98	
Fuel Consumption (±10%)	100% l/h	131		155		149		174	
	75% l/h	95		111		110		128	
	50% l/h	64		73		74		85	
ALTERNATOR BRAND		Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte	Marelli	MeccAlte
Alternator Model		MJB355MA4	ECO-1.5L/4	MJB355MB4	ECO40-VL/4	MJB355MB4	ECO40-VL/4	MJB355MB4	ECO43-1SN/4
Insulation Class		H	H	H	H	H	H	H	H
Temperature Class		H	H	H	H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3900 X 2000 X 2200		3900 X 2000 X 2200		4100 X 2000 X 2200		4100 X 2000 X 2200	
Genset Weight, approx.	kgs	4100		4450		4800		4800	

WCM POWER

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Genset Specifications:

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GENSET MODEL		JCB G8X	JCB G13X	JCBG17X	JCB G22X	JCB G33X
Rated Output	Standby	8.6 / 6.9	13.3 / 10.7	17 / 13.6	22 / 18	33 / 27
kVA / Kw	Prime	7.8 / 6.2	12.3 / 9.8	16 / 12.8	20 / 16	31 / 25
Engine Model		Yanmar-3TNV88 BGGE	Yanmar-3TNV76 GGE	Yanmar-4TNV88 BGGE	Yanmar-4TNV84T BGGE	Yanmar-4TNV98 ZGGE
Cylinder / Arrangement	nos	3/IN-LINE	3/IN-LINE	4/IN-LINE	4/IN-LINE	4/IN-LINE
Displacement	l	1.116	1.642	2.19	1.995	3.319
Bore x Stroke	mm	76 x 82	88 x 90	88 x 90	84 x 90	98 x 110
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		23.5 : 1	19 : 1	19 : 1	18.9 : 1	18.5 : 1
Lub Oil Capacity	l	3.5	6.7	7.4	7.4	10.4
Governor Type		MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL
System Voltage	v	12	12	12	12	12
Coolant Capacity	l	3.7	4.8	5.5	5.8	9
Fuel Consumption (±10%)	100% l/h	2.6	3.6	4.8	5.7	8.9
	75% l/h	2	2.7	3.6	4.3	6.6
	50% l/h	1.5	2	2.6	3	4.6
ALTERNATOR BRAND		JCB	JCB	JCB	JCB	JCB
Alternator Model		HM 130A2	HM 130B2	HM 160A1	HM 160B1	HM 200A2
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		1450 X 620 X 1300	1450 X 620 X 1300	1450 X 620 X 1300	1700 X 620 X 1300	1850 X 780 X 1500
Genset Weight, approx.	kgs	370	430	470	500	570

GENSET MODEL		JCB G45X	JCB G65X	JCB G90X	JCB G115X	JCB G140X
Rated Output	Standby	45.1 / 36.1	63 / 50.4	88.2 / 70.6	118.5 / 94.8	138.2 / 110.6
kVA / Kw	Prime	41.4 / 33.1	58.7 / 47	80.2 / 64.1	107.7 / 86.2	124.9 / 100
Engine Model		Yanmar-4TNV98T ZGGE	JCB DIESELMAX 444	JCB DIESELMAX 444	JCB DIESELMAX 444	JCB DIESELMAX 448
Cylinder / Arrangement	nos	4/IN-LINE	4/IN-LINE	4/IN-LINE	4/IN-LINE	4/IN-LINE
Displacement	l	3.319	4.399	4.399	4.399	4.765
Bore x Stroke	mm	98 x 110	103 x 132	103 x 132	103 x 132	106 x 135
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		18 : 1	17.5 : 1	17.5 : 1	17.5 : 1	18 : 1
Lub Oil Capacity	l	10.5	14	14	14	14
Governor Type		MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL	MECHANICAL
System Voltage	v	12	12	12	12	12
Coolant Capacity	l	9	16	16	16	18
Fuel Consumption (±10%)	100% l/h	10.2	14.1	18.7	24	30
	75% l/h	7.8	10.6	14.3	19	22
	50% l/h	5.5	8.2	10.2	13	16
ALTERNATOR BRAND		JCB	JCB	JCB	JCB	JCB
Alternator Model		HM 200A3	HM 200B2	HM 250A1	HM 250A2	HM 250B1
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		1850 X 780 X 1500	2150 X 780 X 1500	2150 X 780 X 1500	2150 X 1000 X 1510	2450 X 800 X 1600
Genset Weight, approx.	kgs	710	1280	1280	1350	1100

GENSET MODEL		JCB G144X	JCB G175X	JCB G220X	JCB G275X	JCB G330X
Rated Output	Standby	142.8 / 114.3	174.8 / 139.8	220 / 176	275 / 220	330 / 264
kVA / Kw	Prime	130.7 / 104.5	159.2 / 127.4	200 / 160	250 / 200	300 / 240
Engine Model		IVECO-NEF67 TE2A	IVECO-NEF67 TM3A	IVECO-NEF67 TE2A	Scania DC16 83A	Scania DC16 83A
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/IN-LINE
Displacement	l	6.7	6.7	6.7	8.87	11.7
Bore x Stroke	mm	104 x 132	104 x 132	104 x 132	127 x 140	127 x 154
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		17.5 : 1	17.5 : 1	17.5 : 1	18 : 1	16 : 1
Lub Oil Capacity	l	12	12	15	29	33
Governor Type		MECHANICAL	MECHANICAL	Electronic	Electronic	Electronic
System Voltage	v	12	12	12	12	24
Coolant Capacity	l	26	41	44	57	63
Fuel Consumption (±10%)	100% l/h	29	36	44	52	60
	75% l/h	24	29	33	39	45
	50% l/h	15.8	18	22	26	30
ALTERNATOR BRAND		JCB	JCB	JCB	JCB	JCB
Alternator Model		HM 250B1	HM 250C3	HM 280A2	HM 280B1	HM 280B2
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		2900 X 900 X 1600	2900 X 900 X 1600	2900 X 900 X 1600	3500 X 1220 X 1900	3310 X 1400 X 1850
Genset Weight, approx.	kgs	1890	1870	1930	2180	3360

GENSET MODEL		JCB G400X	JCB G440X	JCB G500X	JCB G550X	JCB G600X
Rated Output	Standby	400 / 320	440 / 352	500 / 400	549.9 / 439.9	590 / 472
kVA / Kw	Prime	350 /280	400 / 320	455 / 364	502.1 / 401.7	550 / 440
Engine Model		Scania DC12 60A	Scania DC12	Scania DC12 59A	Scania DC16 43A	Scania DC16 44A
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	6/IN-LINE	6/V-TYPE	8 / V-TYPE
Displacement	l	11.7	11.7	11.7	15.6	15.6
Bore x Stroke	mm	127 x 154	127 x 154	127 x 154	127 x 154	127 x 154
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		16 : 1	16 : 1	16 : 1	18 : 1	16 : 1
Lub Oil Capacity	l	33	33	33	35	35
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
System Voltage	v	24	24	24	24	24
Coolant Capacity	l	63	95	95	95	95
Fuel Consumption (±10%)	100% l/h	69	78	93	98	109
	75% l/h	52	59	70	73.5	84
	50% l/h	36	39	46.6	49	56.8
ALTERNATOR BRAND		JCB	Stamford	Stamford	JCB	JCB
Alternator Model		HM 280B3	HCI 444	HCI 444	HM 355A3	HM 355B1
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3310 X 1400 X 1850	3310 X 1400 X 1850	3810 X 1400 X 1850	3600 X 1500 X 2100	3600 X 1500 X 2100
Genset Weight, approx.	kgs	3360	3500	3500	4150	4120

Genset Specifications:

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GENSET MODEL		JCB G730X	JCB G800X	JCB G850X	JCB G860X	JCB G1000X
Rated Output	Standby	738 / 590	330 / 264	853 / 682	860 / 688	1000 / 800
kVA / Kw	Prime	670 / 536	300 / 240	775 / 620	782 / 626	910 / 728
Engine Model		Mitsubushi S6R2-PTA	Mitsubushi S6R2-PTAA	Mitsubushi S12A2-PTA	MTU 12V2000G65	Mitsubushi S12A2-PTA2-S
Cylinder / Arrangement	nos	6/IN-LINE	6/IN-LINE	12 / V-TYPE	12 / V-TYPE	12 / V-TYPE
Displacement	l	29.96	29.96	33.93	23.88	33.93
Bore x Stroke	mm	170 x 220	170 x 220	150 x 160	130 x 150	150 x 160
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		14.1 : 1	14 : 1	14.5 : 1	16 : 1	15.3 : 1
Lub Oil Capacity	l	94	94	120	77	120
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
System Voltage	v	24	24	24	24	24
Coolant Capacity	l	118	132	215	130	215
Fuel Consumption (±10%)	100% l/h	142	160	169	163	195
	75% l/h	106	120	126	122	147
	50% l/h	71	80	84.5	81.6	97.5
ALTERNATOR BRAND		JCB	JCB	JCB	JCB	JCB
Alternator Model		HM 200B2	TBA	TBA	TBA	TBA
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		3700 X 1700 X 2300	4100 X 1760 X 2150	4100 X 1760 X 2100	4210 X 1820 X 2400	4270 X 2080 X 2160
Genset Weight, approx.	kgs	6040	6150	7750	5800	7800

GENSET MODEL		JCB G1000X	JCB G1100X	JCB G1100X	JCB G1200X	JCB 1350 X
Rated Output	Standby	1003 / 802	1110 / 888	1108 / 886	1230 / 984	1350 / 1080
kVA / Kw	Prime	910 / 728	1030 / 824	1006 / 805	1135 / 908	1260 / 1008
Engine Model		MTU 16V2000G25	Mitsubishi S12H-PTA	MTU 16V2000G65	MTU 16V2000G65	Mitsubushi S16R-PTA
Cylinder / Arrangement	nos	16 / V-TYPE	12 / V-TYPE	16 / V-TYPE	18 / V-TYPE	12 / V-TYPE
Displacement	l	31.84	3711	31.84	35.82	49.03
Bore x Stroke	mm	130 x 150	150 x 175	130 x 150	130 x 150	170 x 180
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		16 : 1	14 : 1	16 : 1	16 : 1	15 : 1
Lub Oil Capacity	l	102	200	102	130	180
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
System Voltage	v	24	24	24	24	24
Coolant Capacity	l	150	244	150	160	335
Fuel Consumption (±10%)	100% l/h	187	223	205	235	265
	75% l/h	140	167	154	176	199
	50% l/h	93.5	112	103	117	133
ALTERNATOR BRAND		JCB	JCB	JCB	JCB	JCB
Alternator Model		TBA	TBA	TBA	TBA	TBA
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4950 X 1600 X 2450	4500 X 1780 X 2400	4950 X 1600 X 2450	5050 X 1900 X 2700	4450 X 2050 X 2400
Genset Weight, approx.	kgs	8040	9610	8040	8480	12000

GENSET MODEL		JCB G1500X	JCB G1660X	JCB G1700X	JCB G1900X	JCB G1900X
Rated Output	Standby	1500 / 1200	1660 / 1328	1770 / 1416	1900 / 1520	1960 / 1568
kVA / Kw	Prime	1388 / 1110	1528 / 1222	1647 / 1318	1730 / 1389	1785 / 1428
Engine Model		Mitsubushi S16R-PTA2	Mitsubushi S16R-PTAA2	MTU 16V4000G23R	Mitsubushi S16R-PTA	MTU 16V4000G63
Cylinder / Arrangement	nos	12 / V-TYPE	12 / V-TYPE	12 / V-TYPE	16 / V-TYPE	12 / V-TYPE
Displacement	l	49.03	49.03	57.2	65.37	57.2
Bore x Stroke	mm	170 x 180	170 x 180	170 x 210	170 x 180	170 x 210
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		13.5 : 1	13.5 : 1	16.5 : 1	14 : 1	16.5 : 1
Lub Oil Capacity	l	180	180	260	150	260
Governor Type		Electronic	Electronic	Electronic	Electronic	Electronic
System Voltage	v	24	24	24	24	24
Coolant Capacity	l	335	360	310	368	360
Fuel Consumption (±10%)	100% l/h	294	304	273	351	353
	75% l/h	220	228	205	263	265
	50% l/h	147	152	137	176	182
ALTERNATOR BRAND		JCB	JCB	JCB	JCB	JCB
Alternator Model		TBA	TBA	TBA	TBA	TBA
Insulation Class		H	H	H	H	H
Temperature Class		H	H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		4450 X 2050 X 2400	5300 X 2100 X 2600	6800 X 2250 X 2600	5260 X 2100 X 2900	6800 X 2250 X 2600
Genset Weight, approx.	kgs	12250	12750	10250	15700	11000

GENSET MODEL		JCB G2000X	JCB G2200X	JCB G2250X	JCB G2300X
Rated Output	Standby	2035 / 1628	2250 / 1800	2250 / 1800	2360 / 1888
kVA / Kw	Prime	1900 / 1520	2080 / 1664	2029 / 1623	2200 / 1760
Engine Model		Mitsubushi S16R-PTA2	MTU 16V4000G23	Mitsubushi S16R-PTAA2	MTU 16V4000G63
Cylinder / Arrangement	nos	16 / V-TYPE	16 / V-TYPE	16 / V-TYPE	16 / V-TYPE
Displacement	l	65.37	76.3	65.27	76.3
Bore x Stroke	mm	170 x 180	170 x 210	170 x 180	170 x 210
Engine Speed / Frequency	rpm	1500	1500	1500	1500
Compression Ratio		14 : 1	16.5 : 1	13.5 : 1	16.5 : 1
Lub Oil Capacity	l	230	300	230	300
Governor Type		Electronic	Electronic	Electronic	Electronic
System Voltage	v	24	24	24	24
Coolant Capacity	l	445	450	470	450
Fuel Consumption (±10%)	100% l/h	401	401	402	436
	75% l/h	301	301	302	327
	50% l/h	201	201	201	218
ALTERNATOR BRAND		JCB	JCB	JCB	JCB
Alternator Model		TBA	TBA	TBA	TBA
Insulation Class		H	H	H	H
Temperature Class		H	H	H	H
Degree of Protection	Class	IP 23	IP 23	IP 23	IP 23
Power Factor	%	0.8	0.8	0.8	0.8
OVERALL DIMENSION (L x W x H)mm		5280 X 2100 X 2900	7450 X 2300 X 2600	6100 X 2200 X 2900	7450 X 2300 X 2600
Genset Weight, approx.	kgs	15770	13420	16500	13920

WCM POWER

JCB

Genset Specifications

Genset Specifications:

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GENSET MODEL		NES13EK - 3		NES25EK - 3		NES45EN - 2		NES60EH		NES100EI	
Frequency	Hz	50	60	50	60	50	60	50	60	50	60
Rated Output	Standby	11.6	14.3	22	26.3	40.7	47.3	55	66	84	105
kVA	Prime	10.5	13	20	25	37	45	50	60	80	100
Voltage (*1)	v	① Single Voltage (Dual Voltage is available as option)									
No. of poles		4									
Power Factor		80% Lagging									
Type & No of Phase		Brushless Alternator, 3-Phase, 4-Wire									
Engine Model		KUBOTA D1503		KUBOTA V2403		NISSAN 2A-BD30T		HINO WO4D-TG		ISUZU DD-6BG1T	
Type		Swirl Chamber Type				Direct Injection Type With Turbo Charger					
Cylinders / Bore x Stroke	mm	3 / 38 x 92.4		4 / 87 x 102.4		4 / 96 x 102		4 / 104 x 118		6 / 105 x 125	
Total Displacement	L	1.499		2.434		2.953		4.009		6.494	
Rated Output	kW	11.5	13.7	19.1	23.7	34.5	43.5	50.4	59.6	73.6	91.2
	PS	15.6	18.6	26	32.2	47.5	57	68.5	81	100	124
Speed	min^{-1}	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800
Fuel Consumption	100% l/h	2.9	3.6	5.2	6.6	8.5	10	11	13	18	23
	75% l/h	2.4	3	4	5	6.3	7.9	8.6	10	13	17
Engine Oil Volume	l	7		9.5		11		16.5		20	
Battery		80D26R x 1		80D26R x 1		80D26L x 1		55B24L x 2		95D31R x 2	
Fuel Tank Capacity	l	58		70		100		125		200	
Fuel		Diesel Fuel									
OVERALL DIMENSION L(*2) x W x H	mm	1480 x 650 x 950		1550 x 700 x 980		1740 x 880 x 1350		2245 x 880 x 1190		2730 x 1050 x 1290	
Dry Weight	kgs	520		610		990		1200		1650	
Mass in Working Order	kgs	580		680		1090		1335		1850	
Sound Power Level (*3)	dB	83		90		90		92		93	
Sound Pressure Level (*4)	dB	57		62		60		63		65	

GENSET MODEL		NES125EH		NES150EH		NES220EM	
Frequency	Hz	50	60	50	60	50	60
Rated Output	Standby	110	138	138	165	215	242
kVA	Prime	100	125	125	150	195	220
Voltage (*1)	v	① Single Voltage (Dual Voltage is available as option)					
No. of poles		4					
Power Factor		80% Lagging					
Type & No of Phase		Brushless Alternator, 3-Phase, 4-Wire					
Engine Model		HINO J08C-UD		HINO J08C-UD		MITSUBISHI 6D24-TLE2B	
Type		Direct Injection Type With Turbo Charger & Cooler					
Cylinders / Bore x Stroke	mm	6 / 114 x 130		6 / 114 x 130		6 / 130 x 150	
Total Displacement	L	7.961		7.961		11.94	
Rated Output	kW	118	140	118	140	181	199
	PS	160	190	160	190	246	271
Speed	min^{-1}	1500	1800	1500	1800	1500	1800
Fuel Consumption	100% l/h	21	26	26	32	39	47
	75% l/h	15	19	20	24	30	36
Engine Oil Volume	l	24.5		24.5		37	
Battery		95D31R x 2		95D31R x 2		150F51 x 2	
Fuel Tank Capacity	l	250		250		370	
Fuel		Diesel Fuel					
OVERALL DIMENSION L(*2) x W x H	mm	3180 x 1130 x 1450		3180 x 1150 x 1450		3840 x 1290 x 1750	
Dry Weight	kgs	2170		2270		3530	
Mass in Working Order	kgs	2420		2520		3910	
Sound Power Level (*3)	dB	94		95		95	
Sound Pressure Level (*4)	dB	66		67		67	

(*1) Rated Voltage Classification

(*2) Exclude The Rain Dimension

(*3) 60Hz / No Load(LwA)

(*4) 60Hz / No Load At 7m

	50Hz	60Hz
1	190 - 210V	210 - 240V
2	190 - 210V	210 - 240V
	380 - 420V	420 - 480V

GENSET MODEL		NES300EH		NES400EM		NES500SM		NES610SM		NES800SM	
Frequency	Hz	50	60	50	60	50	60	50	60	50	60
Rated Output	Standby	297	315	385	440	495	550	582	641	735	800
kVA	Prime	270	300	350	400	450	500	554	610	700	800
Voltage (*1)	v	② Dual Voltage									
No. of poles		4									
Power Factor		80% Lagging									
Type & No of Phase		Brushless Alternator, 3-Phase, 4-Wire									
Engine Model		HINO K13C-TY		MITSUBISHI S6B3-E2PTAA-3		MITSUBISHI S6A3-E2PTAA-1		MITSUBISHI S6R-PTA		MITSUBISHI S12A2-PTA	
Type		Direct Injection Type With Turbo Charger & Cooler									
Cylinders / Bore x Stroke	mm	6 / 135 x 150		6 / 135 x 170		6 / 150 x 175		6 / 170 x 180		12 / 150 x 160	
Total Displacement	L	12.9		14.6		18.56		24.5		33.9	
Rated Output	kW	242	269	309	346	405	467	517	565	676	757
	PS	329	366	420	471	551	635	703	768	920	1030
Speed	min^{-1}	1500	1800	1500	1800	1500	1800	1500	1800	1500	1800
Fuel Consumption	100% l/h	56	69	73	91	97	115	108	127	135	165
	75% l/h	42	52	56	69	73	87	84	99	113	141
Engine Oil Volume	l	47		50		80		92		130 (Subtank-85)	
Battery		150F51 x 2		180G51 x 2		180G51 x 2		180G51 x 2		180G51 x 4	
Fuel Tank Capacity	l	490		490		490		580		730	
Fuel		Diesel Fuel									
OVERALL DIMENSION L(*2) x W x H	mm	3980 x 1415 x 1790		4450 x 1415 x 2090		5270(4790) x 1650 x 2280		5173(4690) x 1650 x 2400		6235(5600) x 1950 x 2580	
Dry Weight	kgs	3940		5510		6810		8190		11000	
Mass in Working Order	kgs	4410		6030		7400		8860		12000	
Sound Power Level (*3)	dB	99		101		98		101		101	
Sound Pressure Level (*4)	dB	69		71		68		72		73	

Model marked * have passed the 2nd Emission Regulation by the ministry of land infrastructure and transport Japan

WCM POWER

NIPPON SHARYO

Genset Specifications:

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INDUSTRIAL (23 - 380kVA / 18 - 304kW)		NATURAL GAS - 50Hz				LP GAS - 50Hz	
		STANDBY RATINGS		PRIME RATINGS		STANDBY RATINGS	
MODEL	ALTERNATOR	kW	kVA	kW	kVA	kW	kVA
25REZG	4P4	18	23	-	-	18	23
30REZG	4P5	25	31	-	-	25	31
	4P7	26	33	-	-	26	33
40REZG	4P5	24	30	-	-	24	30
45REZG	4P7	33	41	-	-	36	45
	4P8	33	41	-	-	37	46
50REZGB	4P7BX	40	50	-	-	42	53
	4P8X	42	52	-	-	44	55
	4P10X	44	55	-	-	46	58
60REZGB	4P8X	45	56	-	-	45	56
	4P7BX	46	58	-	-	46	58
	4P10X	48	60	-	-	53	66
80RZGD	4R9X	70	87	-	-	-	-
100RZGD	4R9X	74	93	-	-	68	85
	4R12X	76	95	-	-	70	87
125RZGC	4R12X	102	127	-	-	87	109
	4R13X	103	128	-	-	88	110
150RZGC	4R13X	116	145	-	-	109	136
	4R12X	132	166	-	-	110	138
	4R13X	135	169	-	-	112	140
180RZXB	4R12X	146	182	136	170	114	143
	4R13X	170	212	148	185	116	145
200RZXB	4UA10	173	216	152	190	116	145
	4UA13	175	219	156	195	116	145
250RZXB	4UA10	220	275	200	250	148	185
	4UA13	224	280	200	250	148	185
300RZXB	4M4019	264	330	240	300	184	230
350RZXB	4M4019	288	360	260	325	200	250
	5M4027	290	362	264	330	200	250
400RZXB	5M4024	304	380	272	340	240	300
	5M4027	304	380	272	340	240	300

All ratings are 3-phase
Rated voltages, 50Hz : 240/416 volt

RESIDENTIAL (6 - 148kVA / 6 - 138kW)	NATURAL GAS - 50Hz STANDBY RATINGS		LP GAS - 50Hz STANDBY RATINGS	
MODEL	kW	kVA	kW	kVA
6VSG	6	6	6	6
8.5RES	6.3	6.3	7.5	7.5
12RES	9.3	9.3	10.5	10.5
14RESA	10	10	11	11
18RES	14	14	14	14
20RESA	14	14	15	15
20RESB	14	14	15	15
38RCL*	31	39	31	39
48RCL*	38	48	40	50

Ratings are based on 1-phase
Rated voltages, 50Hz : 115/230 volt;

*Ratings are based on 3-phase
*Rated voltages, 50Hz : 240/416 volt;

W|C|M POWER

KOHLER (GAS)

Genset Specifications:

* The information stated in this leaflet is to assist users and intended for general guidance only. Specifications can be changed without notice for the purpose of product improvement.

GENSET MODEL		WCM 150DML-N / 150 DMC-N	WCM 200DML-N / 200 DMC-N	WCM 250DML-N / 250 DMC-N	WCM 300DML-N / 300 DMC-N	WCM 400DML-N / 400 DMC-N
Rated Output	Standby	150 / 120	200 / 160	250 / 200	300 / 250	400 / 320
kVA / Kw	Prime	165 / 132	220 / 176	280 / 220	330 / 290	440 / 352
Engine Model		GE08TIR	GE12TIR	GV158TI	GV180TI	GV222TI
Cylinder / Arrangement	nos	6 / In-line	6 / In-line	8 / V-type	10 / V-type	12 / V-type
Displacement	l	8.1	11.1	14.6	18.3	21.9
Bore x Stroke	mm	111 x 139	123 x 155	128 x 142	128 x 142	128 x 142
Engine Speed / Frequency	rpm	1500	1500	1500	1500	1500
Compression Ratio		10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1	10.5 : 1
Lub Oil Capacity	l	23	25	31	35	40
Combustion Type		Stoichiometric, Premixed and spark ignited				
Governor Type		ELECTRONIC				
Number of Valve		Intake 1, Exhoust 1 per cylinder				
Battery Voltage	DC	24V, 120 AH	24V, 120 AH	24V, 200 AH	24V, 200 AH	24V, 200 AH
Charging Generator	DC	24V, 45A	24V, 45A	24V, 45A	24V, 45A	24V, 45A
Starter Motor	DC	24V, 6.0kW	24V, 6.0kW	24V, 7.0kW	24V, 7.0kW	24V, 7.0kW
Ignition Controller		Altronic CD-1 Unit (12 or 24 VDC)		Altronic CPU-95 Unit (12 VDC) And Display Module		
Ignition Coil		Altronic 501 061 blue epoxy individual coil				
Carburetor		Impco 200M Varifuel Carburetor (1EA)		Impco 200M Varifuel Carburetor (2EA)		
Gas Regulator		Maxitrol RV61 (1EA)		Maxitrol RV61 (2EA)		
Max. Inlet Pressure		Maximum 1psi (68.9mbar) at Engine inlet				
Fuel Consumption, Nm3/h	100% Nm^3/h	32	45	58	75	95
	75% Nm^3/h	25	34	48	57	73
	50% Nm^3/h	18	26	39	42	49
	25% Nm^3/h	11	17	29	26	26
ALTERNATOR BRAND		Marelli / MeccAlte	Marelli / MeccAlte	Marelli / MeccAlte	Marelli / MeccAlte	Marelli / MeccAlte
Alternator Model		MJB250MA4 / ECO34-2L/4	MJB250LA4 / ECO38-2SN/4	MJB250LB4 / ECO38-1LN/4	MJB315SA4 / ECO38-2Ln/4	MJB315MA4 / ECO40-1SN/4
Insulation Class		H / H	H / H	H / H	H / H	H / H
Temperature Class		H / H	H / H	H / H	H / H	H / H
Degree of Protection	Class	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23	IP 23 / IP 23
Power Factor	%	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8	0.8 / 0.8
OVERALL DIMENSION (L x W x H)mm		3500 x 1200 x 1800	3500 x 1200 x 1800	3500 x 1650 x 1900	4000 x 1750 x 2000	4000 x 1750 x 2000
Genset Weight, approx.	kgs	2000	2000	2500	2800	3300

1. All ratings are in accordance with ISO 304/1, BS 5514 and DIN 6271, ISO 8528.
2. Ratings are based upon nominal 380-415V, 0.8pf, 3 phase, 50Hz.
3. Prime power at variable load, the permissible average power output (during 24th period) shell shall not exceed 70% of the prime power rating. No overload is permitted. Standby power available in the event of a main power network failure. No overload is permitted.
4. Using 1073 BTU/scf LHV Natural Gas.
5. Specifications are subject to change without prior notice.

W|C|M POWER

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