



INDUSTRIAL POWER RANGE —— G SERIES





As an ISO 9001 certified company we can ensure that every one our customers receives a generator of superior quality that has been tested rigorously prior to shipment. The certification is a result of our commitment to continuous improvement and guarantees quality in the processes of design, manufacture and marketing of all AGG Power units. This standard entails theinspection of each component and meticulous control over every phase from the start of the production line. Each department, from sales to the assembly line, complies with the specifications and has the full participation and involvement on behalf of the AGG Power personnel, whose main focus is always customer satisfaction.

AGG Power entire diesel generator sets complies with the CE making, which includes the following directives:

- 2006/42/EC Machinery safety.
- 2006/95/EC Low voltage
- EN 60204-1: 2006+A1:2009, EN ISO 12100:2010, EN ISO 13849-1: 2008, EN 12601: 2010

The rating is according to ISO 8528-1: + 25℃ mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

AGG Power reserves the right to modify any characteristic prior notifice.



AGG POWER GENERAOTR SETS





G SERIES INDUSTRIAL POWER RANGE

PRIME POWER | STANDBY POWER | PEAK SHAVING Carefully manufactured and fully equipped.

AGG Power's industrial range has been designed to ensure the highest performance in any application. It can be used to supply energy continuously, for peak shavings or in an emergency, for example, the industrial, commercial and residential sectors.

G series is a range of soundproofed, waterproofed diesel generator sets, rating from 30kVA to 388kVA. They are equipped with engines and alternators of worldwide reputation. A very special attention is brought to their canopies, very compact, flexible and with remarkable.

These generator sets are delivered complete and ready to install, you will also benefit from the unmatched support of the AGG Power network.

ROBUST, HIGHLY CORROSSION RESISTANT CONSTRUCTION



06

DOOR

01 INTEGRATED TANK BASE

Tank base incorporates enhanced lifting and mounting steel tank base is standard. Optional dual wall steel tank base for total fluid containment

02 VIBRATION ISOLATORS

Rubber pad anti -vibration mountings isolate tank base and control tower from engine/generator assembly.

03 INTEGRAL LIFTING FRAME

Frame is designed to the center of the unit.

04 WATER INGRESS HINGES PROTECTION

05

Improved roof adhesive gasket prevent water I roof.

LATCHES Verticaclly hinged doors with solid bar doors stay to hold door latches providing doors open at 135° positive door sealing by pulling the door inward to compress

Intensive silent



HIGH QUALITY SOUND ABSORBING MATERIAL

Canopy soundproofed with high -density cottons.



RESIDENTIAL EXHAUST

Residential exhaust system effectively allowing for uninterrupted operations.



FULLY-CLOSED NOISE REDUCTION

Fully-closed air intake chamber greatly from intruding.



USER-FRIENDLY AND ENHANCED SAFETY







GUARDS



Features complete heavy-gauge steel guarding with access hatches to all rotating



OIL AND COOLANT DRAINS



Lube oil and coolant drains pipes to exterior of enclosure and terminated drain valves.



CONTROL SYSTEM



Micro-processor cored digital system. Multiple languages for option, automatic control.



CONVENIENT CONNECTION



An optional quick connection panel can aid the monitorning of mains, ATS transfer



ELECTRICAL CABLES



Cables have been recor-figured and rerouted to avoid any unnecessa cross routing. All cables are direct and double bolted to avoid double braiding and prevent braid turning.

Common chassis base frame allow gensets changeable between open skid and soundproofed.

MODULAR DESIGN CONCEPT











SERVICEABILITY



Removable and large maintenance doors provide easier access to cooling system, silencer, control box and alternator. These changes reduce the time necessary to maintain the unit and ensure proper perfor



STARTER MOTORS, ALTERNATOR, BATTERY AND CABLES



All generator sets include industry -leading, high -capacity, maintenance -free batteries, battery rack and heavy-duty interconnecting cables with terminations



WIRING AND MULTI-PIN CONNECTOR



The loom terminates at control panel with industrial-grade multi -pin connector.

Mechanically held plug and socket attachments provide fast, convenient inspection and replace



CIRCUIT BREAKERS, BATTERY CHARGER



Fully rated mainline circuit breaker housed in vibration-isolated sheet steel enclosure, with removable cover plate, mounted integrall with generator set. Over-sized electrical stub-up area is located directly below circuit breaker.



BATTERY ISOLATOR



Battery isolator standard installed in the auxiliary power system of the genset, which allows disconnection for periods of inactivity without having to disconnect the battery terminals.



OPTIONAL **FEATURES**

on request to customize the gensets according to the needs of the end users.

managemen,warning management and manual sump pump.

external tank.

EXTENDED CAPACITY FUEL TANK, UP TO 12 OR 24 HOURS RUN TIME DEPENDING ON MODEL.

continuously without refuel.

Allow the generator

an external tank to the tank of the

CONTROL SYSTEM **FEATURES**







Microprocessor control, with high stability and credibility.

Mains supply and generator opeartion monitoring.

Indicating operation status and fault conditions.

Multiple protections, multiple parameters disaplay, such as pressure, temperature.

Manul and automatic work mode selectable.

Real time clock for time and date display.

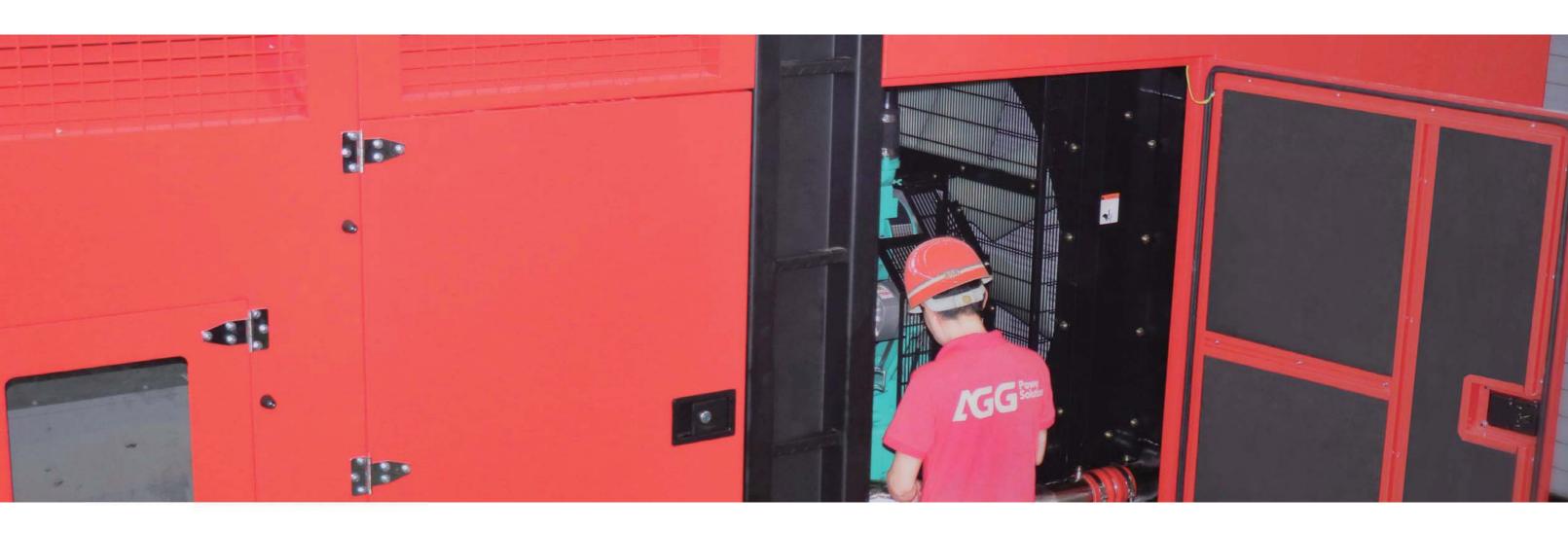
Overall power output display.

Integral speed/frequency detecting, telling status of start, rated operation, overspeed. Communication with PC available.

Multi languages are available.



TECHNICAL SERVICE





SPARE PARTS

AGG Power spare parts department supplies original replacement parts for every component of the genset through a centralised system.

AGG Power provides its customers with a fast and efficient technical service through a technical assistance network, distributed worldwide. From installing and configuring your AGG Power generator set to maintaining peak performance for the life of the product. System selection assistance, equipment training, parts, service expertise and maintenance programs are available wherever and whenever you need them.



TECHNICAL DATA

TECHNICAL DATA





Powered by Perkins 72kVA - 330kVA

	Genset Model	ESP				Fuel Cons L/H (75%)	L*W*H (mm)	or L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)	Gov	Cooling
_		KVA	KW	KVA	KW									
_	P72D5	72	58	65	52	11.2	2210*750*1410	2700*1100*1632	1104A-44TG1		4L	4.4	M	≈
_	P88D5	88	70	80	64	14	2210*750*1410	2700*1100*1632	1104A-44TG2		4L	4.4	М	≈
_	P110D5	110	88	100	80	17.1	2210*750*1410	2800*1100*1700	1104C-44TAG2		4L	4.4	Е	≈
	P150D5	150	120	135	108	22.7	2400*1040*1555	3400*1100*1795	1106A-70TG1		6L	7.01	М	≈
_	P165D5	165	132	150	120	24.7	2400*1040*1555	3550*1100*1900	1106A-70TAG2		6L	7.01	М	≈
_	P200D5	200	160	180	144	31.8	2400*1040*1555	3550*1100*1900	1106A-70TAG3		6L	7.01	М	≈
_	P220D5	220	176	200	160	34.7	2400*1040*1555	3550*1100*1900	1106A-70TAG4		6L	7.01	Е	≈
_	P250DE5	250	200	225	180	35.7	2850*1200*1760	4120*1250*2207	1506A-E88TAG2		6L	8.8	ECM	≈
	P275DE5	275	220	250	200	41.6	2850*1200*1760	4120*1250*2207	1506A-E88TAG3		6L	8.8	ECM	≈
	P300E5	300	240	275	220	45.8	2850*1200*1760	4120*1350*2253	1506A-E88TAG4		6L	8.8	ECM	≈
	P330E5	330	264	300	240	48	2850*1200*1760	4120*1350*2253	1506A-E88TAG5		6L	8.8	ECM	≈



Powered by Perkins 84kVA - 375kVA

Genset Model					Fuel Cons L/H (75%)	L*W*H (mm)	or L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)	Gov	Cooling
	KVA	KW	KVA	KW									
P84D6	84	67	76	61	13.5	2210*750*1410	2700*1100*1632	1104A-44TG1		4L	4.4	М	≈
P100D6	100	80	91	73	16.9	2210*750*1410	2700*1100*1632	1104A-44TG2		4L	4.4	М	≈
P125D6	125	100	112.5	90	20.2	2210*750*1410	2800*1100*1700	1104C-44TAG2		4L	4.4	E	≈
P169D6	169	135	152	122	26.5	2400*1040*1555	3400*1100*1795	1106A-70TG1		6L	7.01	М	≈
P188D6	188	150	169	135	29.1	2400*1040*1555	3550*1100*1900	1106A-70TAG2		6L	7.01	М	≈
P220D6	220	176	200	160	35.3	2400*1040*1555	3550*1100*1900	1106A-70TAG3		6L	8.8	М	≈
P269E6	269	215	245	196	41.8	2850*1200*1760	4120*1250*2207	1506A-E88TAG2		6L	8.8	ECM	≈
P313E6	313	250	281	225	47.5	2850*1200*1760	4120*1250*2207	1506A-E88TAG3		6L	8.8	ECM	≈
P344E6	344	275	313	250	51.1	2850*1200*1760	4120*1350*2253	1506A-E88TAG4		6L	8.8	ECM	≈
P375E6	375	300	338	270	56.8	2850*1200*1760	4120*1350*2253	1506A-E88TAG5		6L	8.8	ECM	*

Sound-proof type 🛅 Containerized type 🔄 The engine is USA original The engine is UK original The engine is UK original

The rating is according to ISO 8528-1; + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

 $Further voltage \ rating \ are \ available \ under \ request: 50 HZ_380 V/415 V/440 V, \ 60 Hz_208 V/240 V/380 V/440 V/480 V.$

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.



Powered by Cummins 30kVA - 275kVA

	Genset Model		SP	PR		Fuel Cons L/H (75%)	L*W*H (mm)	or [[[[[[]]]]] L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)		Cooling
		KVA	KW	KVA	KW									
	C30D5	30	24	27	22	5.7	1680*960*1485	2580*1040*1732	4B3.9G1	*3	4L	3.9	M	≈
	C30D5A	30	24	27	22	5.2	1680*960*1485	2580*1040*1732	4B3.9G2	*3	4L	3.9	Е	≈
	C44D5	44	35	40	32	7.9	1780*995*1485	2680*1100*1732	4BT3.9G1	*9	4L	3.9	M	≈
	C44D5A	44	35	40	32	7.3	1780*995*1485	2680*1100*1732	4BT3.9G2	*3	4L	3.9	Е	≈
	C55D5	55	44	50	40	10	1800*980*1485	2680*1100*1732	4BTA3.9G2	*)	4L	3.9	Е	≈
	C66D5	66	53	60	48	10	1800*980*1485	2680*1100*1732	4BTA3.9G2	*)	4L	3.9	Е	≈
	C88D5	88	70	80	64	13.2	2100*1010*1440	2680*1100*1732	4BTA3.9G11	*)	4L	3.9	Е	≈
	C110D5	110	88	100	80	16.9	2100*1010*1440	3170*1100*1780	6BT5.9G2	*)	6L	5.9	Е	≈
	C125D5	125	100	113	90	20	2155*1050*1590	3170*1100*1780	6BTA5.9G2	*)	6L	5.9	Е	≈
	C138D5	138	110	125	100	23	2400*1025*1535	3350*1100*1795	6BTAA5.9G2	*0	6L	5.9	Е	≈
	C150D5	150	120	138	110	23	2400*1025*1535	3350*1100*1795	6BTAA5.9G2	*3	6L	5.9	Е	≈
	C165D5	165	132	150	120	26	2400*1035*1595	3600*1170*1950	6BTAA5.9G12	*3	6L	5.9	Е	≈
	C200D5	200	160	180	144	31	2345*1050*1585	3820*1140*2062	6CTA8.3G2	*0	6L	8.3	Е	≈
	C220D5	220	176	200	160	34	2500*1055*1615	3870*1150*2112	6CTAA8.3G2	*0	6L	8.3	Е	≈
	C275D5	275	220	250	200	39	2600*1070*1820	3970*1170*2222	6LTAA8.9G2	*3	6L	8.9	Е	≈
(C275D5N	275	220	250	200	41.3	3050*1260*1775	4365*1450*2255	NT855GA	*0	6L	14	Е	≈



Powered by Cummins 35kVA - 300kVA

14

Genset Model			PF		Fuel Cons L/H (75%)	L*W*H (mm)	upper or up	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)		Cooling
C35D6	KVA 35	кw 28	KVA 31	кw 25	8.4	1680*960*1485	2580*1040*1732	4B3.9G2	*)	4L	3.9	Е	≈
C55D6	55	44	50	40	13.4	1780*995*1485	2680*1100*1732	4BT3.9G2	*)	4L	3.9	Е	≈
C66D6	66	53	60	48	15.3	1800*980*1485	2680*1100*1732	4BTA3.9G2	*3	4L	3.9	Е	≈
C75D6	75	60	68	54	20.7	1800*980*1485	2680*1100*1732	4BTA3.9G2	*)	4L	3.9	Е	≈
C100D6	100	80	90	72	23	1900*970*1485	2680*1100*1732	4BTA3.9G11	*)	4L	3.9	Е	≈
C110D6	110	88	100	80	28	2100*1010*1440	3170*1100*1781	6BT5.9G2	*)	6L	5.9	Е	≈
C125D6	125	100	113	90	28	2100*1010*1440	3170*1100*1781	6BT5.9G2	*>	6L	5.9	Е	≈
C150D6	150	120	138	110	33	2155*1050*1590	3170*1100*1781	6BTA5.9G2		6L	5.9	Е	≈
C165D6	165	132	150	120	33	2400*1025*1535	3350*1100*1795	6BTAA5.9G2	*>	6L	5.9	Е	≈
C188D6	188	150	170	136	37	2400*1035*1595	3600*1170*1950	6BTAA5.9G12	*)	6L	5.9	Е	≈
C200D6	200	160	180	144	44	2345*1050*1585	3820*1140*2062	6CTA8.3G2	*>	6L	8.3	Е	≈
C220D6	220	176	200	160	44	2345*1050*1585	3820*1140*2062	6CTA8.3G2	*3	6L	8.3	Е	≈
C250D6	250	200	225	180	56.1	2500*1055*1615	3870*1150*2112	6CTAA8.3G2	*3	6L	8.3	Е	≈
C275D6	275	220	250	200	61.7	2600*1070*1820	3970*1170*2222	6LTAA8.9G2	*3	6L	8.9	Е	≈
C300D6	300	240	275	220	66	2600*1070*1820	3970*1170*2222	6LTAA8.9G2	•0	6L	8.9	Е	≈

Sound-proof type Containerized type The engine is China original The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

 $Further\ voltage\ rating\ are\ available\ under\ request:\ 50HZ_380V/415V/440V,\ 60Hz_208V/240V/380V/440V/480V.$

PRP-IS08528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.



TECHNICAL DATA

TECHNICAL DATA





Powered by Deutz 66kVA - 275kVA

Genset Model			PF	RP	Fuel Cons L/H (75%)	L*W*H (mm)	L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)		Cooling
	KVA	KW	KVA	KW									
DE66D5	66	53	60	48	11.8	1860*1035*1485	2928*1100*1732	BF4M2012	*)	4L	4.04	M	≈
DE88D5	88	70	80	64	14.4	1860*1035*1485	2928*1100*1732	BF4M2012C	*3	4L	4.04	M	≈
DE110D5	110	88	100	80	17.9	2195*1040*1670	3050*1100*1832	BF4M1013EC	*3	4L	4.76	M	≈
DE150E5	150	120	138	110	23.5	2195*1040*1670	3150*1100*1832	BF4M1013FC	*0	4L	4.76	ECU	≈
DE165D5	165	132	150	120	28.9	2650*1140*1680	3520*1100*1942	BF6M1013EC	*)	6L	7.15	M	≈
DE200E5	200	160	180	144	34.2	2650*1140*1680	3950*1250*2035	BF6M1013FCG2	*>	6L	7.15	ECU	≈
DE220E5	220	176	200	160	37.7	2650*1140*1680	3950*1250*2035	BF6M1013FCG3	*)	6L	7.15	ECU	≈
DE275E5	275	220	250	200	39.9	2700*1080*1745	4050*1250*2035	TCD2013L6 4V	_	6L	7.145	ECU	≈



Powered by Doosan 165kVA -330kVA

١	Genset Model			PR		Fuel Cons L/H (75%)	L*W*H (mm)	L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)		Cooling
		KVA	KW		KW		0000105014005	00507400070470		la a	-			
	D165D5	165	132	150	120	25.5	2620*950*1625	3650*1300*2170	DP086TA	(0)	6L	8.071	E	≈
	D220D5	220	176	200	160	31.7	2620*950*1625	3650*1300*2170	P086TI	(0)	6L	8.071	Е	≈
	D250D5	250	200	225	180	36.8	2850*950*1625	3650*1300*2170	DP086LA	(•)	6L	8.071	Е	≈
	D313D5	313	250	275	220	43.6	2950*1230*1625	3950*1450*2230	P126TI	(0)	6L	11.051	Е	≈
	D330D5	330	264	300	240	47	2950*1230*1625	3950*1450*2230	P126TI-II	(*)	6L	11.051	Е	≈



Powered by Deutz 75kVA - 300kVA

Genset Model	ES	ESP		PRP		L*W*H (mm)	↓ ↓ L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)		Cooling
	KVA	KW	KVA	KW									
DE75D6	75	60	68	54	13.9	1860*1035*1485	2928*1100*1732	BF4M2012	*3	4L	4.04	M	≈
DE94D6	94	75	85	68	17.0	1860*1035*1485	2928*1100*1732	BF4M2012C	*>	4L	4.04	М	≈
DE110D6	110	88	100	80	18.8	2195*1040*1670	3050*1136*1832	BF4M1013EC	*>	4L	4.76	М	≈
DE150E6	150	120	138	110	26.5	2195*1040*1670	3150*1136*1832	BF4M1013FC	*>	4L	4.76	ECU	≈
DE175D6	175	140	160	128	31.4	2650*1140*1680	3520*1136*1942	BF6M1013EC	*>	6L	7.15	М	≈
DE220E6	220	176	200	160	38.9	2650*1140*1680	3950*1286*2035	BF6M1013FCG2	*>	6L	7.15	ECU	≈
DE250E6	250	200	225	180	43.8	2650*1140*1680	3950*1286*2035	BF6M1013FCG3	*)	6L	7.15	ECU	≈
DE300E6	300	240	275	220	52.7	2700*1080*1745	4050*1286*2102	TCD2013L6 4V		6L	7.2	ECU	≈



Powered by Doosan 206kVA -388kVA

16

Genset Model	ES	SP.	Pi	RP	Fuel Cons L/H (75%)	L*W*H (mm)	L*W*H (mm)	Engine Model	Country of origin	Cyl Arrangement	Displacement (L)	Gov	Cooling
	KVA	KW	KVA	KW									
D206D6	206	165	188	150	31.6	2620*950*1625	3650*1300*2170	DP086TA	(0)	6L	8.071	Е	≈
D250D6	250	200	225	180	37.7	2620*950*1625	3650*1300*2170	P086TI	(0)	6L	8.071	Е	≈
D275D6	275	550	250	200	41.7	2850*950*1625	3650*1300*2170	DP086LA	(0)	6L	8.071	Е	≈
D335D6	335	268	313	250	52.3	2950*1230*1625	3950*1450*2230	P126TI	(•)	6L	11.051	Е	≈
D388D6	388	310	350	280	56	2950*1230*1625	3950*1450*2230	P126TI-II	(0)	6L	11.051	Е	≈

Open-side type Sound-proof type The engine is Germany original

The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment.

 $Further voltage\ rating\ are\ available\ under\ request;\ 50HZ_380V/415V/440V,\ 60HZ_208V/240V/380V/440V/480V$

PRP-IS08528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.

Open-side type Sound-proof type The engine is Korean original

The rating is according to ISO 8528-1: + 25°C mASL; 30% relative humidity. The power losses please consultant AGG Power Technical Apartment

Further voltage rating are available under request: 50HZ_380V/415V/440V, 60HZ_208V/240V/380V/440V/480V

PRP-ISO8528: prime power is the maximum power available during a variable power sequence, which may be run for an unlimited number of hours per year, between stated maintenance intervals. The permissible average power output during at 24 hours period shall not exceed 80% of the prime power. 10% overload available for governing purposes only.

ESP-ISO8528: It is defined as the maximum power available, under the agreed operating conditions, for which the generating set is capable of delivering for up to 500 h of operation per year (of which no more than 300 h for continuative use) with the maintenance intervals and procedures being carried out as prescribed by the manufacturers. No overload capability is available.





AGG UK | AGG China | AGG USA | AGG UAE info@aggpower.com | www.aggpower.com

AGG Power reserves the right to modify any characteristic prior notified.

Distributed by		