



CE



Powered By: **CUMMINS**

Powercity

GENERATOR SETS



伟顺(中国)机电设备有限公司
Powercity Electromechanical & Equipment Co., Ltd



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GENERATOR SETS POWERED BY CUMMINS ENGINE

MAIN SPECIFICATIONS OF GENERATOR SETS (60Hz)

GENSET	SILENT MODEL	PDG-25SC	PDG-45SC	PDG-60SC	PDG-100SC	PDG-125SC	PDG-135SC	PDG-185SC	PDG-220SC	PDG-250SC	PDG-300SC	PDG-340SC
	OPEN MODEL	PDG-25C	PDG-45C	PDG-60C	PDG-100C	PDG-125C	PDG-135C	PDG-185C	PDG-220C	PDG-250C	PDG-300C	PDG-340C
Continuous output(KW/KVA)		22/27.5	34/42.5	48/60	80/100	100/125	110/137.5	148/185	175/219	200/250	250/312.5	275/344
Standby output(KW/KVA)		24/30	37/47	52.8/66	88/110	110/137.5	121/151.5	163/203.5	192/240	220/275	275/344	300/375

Rating Definitions

Continuous power model

These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercial power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1hour in 12hours.

Standby power model

These ratings are applicable for supplying continuous electrical power (at variable load) in the event of utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO8528-3) AT 27°C.

TECHNICAL DATA

DIESEL ENGINE MODEL	4B3.9-G2	4BT3.9-G2	4BTA3.9-G2	6BT5.9-G2	6BTA5.9-G2	6BTA5.9-G2	6CTAA8.3-G2	6CTAA8.3-G2	6LTA8.9-G2	NTA855-G1	NTA855-G1B
Engine characters	Water cooled, in line, 4-s stroke, direct injection, wet cylinder liner, 1800rpm										
Constant output(KW)	27	40	60	100	120	130	175	203	240	287	313
Standby output(KW)	30	44	66	110	132	143	192.5	223	264	316	347
Aspiration	Natural	Turbo	Turbo & Intercooler	Turbo	Turbo & Intercooler	Turbo & Intercooler	Turbo	Turbo & Intercooler	Turbo & Intercooler	Turbo & Intercooler	Turbo & Intercooler
Cylinder-Broe (mm) x S stroke (mm)	4-102x120	4-102x120	4-102x120	6-102x120	6-102x120	6-102x120	6-114x135	6-114x135	6-114x145	6-140x152	6-140x152
Cubic Capacity (liters)	3.9	3.9	3.9	5.9	5.9	5.9	8.3	8.3	8.9	14	14
Steady governing rating	Electronic speed governing ratio 1%										
Rated fuel consumption (L/h)	7.5	10.4	15	24.6	29	35	48	51	58	73.5	80
Lube consumption (prime)	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤4 g/kw.h	≤0.24 g/kw.h	≤0.24 g/kw.h
Battery capacity (V-Ah)-YUASA Brand	24V-80Ah	24V-80Ah	24V-80Ah	24V-100Ah	24V-100Ah	24V-100Ah	24V-120Ah	24V-120Ah	24V-150Ah	24V-150Ah	24V-150Ah
Lube oil capacity (L)	11	11	11	16.4	16.4	16.4	24	24	27.6	36.7	36.7
Coolant capacity (L)	20	20	21	24.5	26	26	28	28	28	85	85
Fuel tank capacity (L)	80	100	100	180	180	180	300	330	330	400	400
ALTERNATOR MODEL	TWG 224C	SLG 224C	SLG 224E	SLG 274C	SLG 274D	SLG 274E	SLG 274F	SLG 274H	SLG 274J	MWL 31G	MWL 36C
Continuous output (KW/KVA)	30/37.5	40/50	58/72.5	96/120	110/137.5	134/168	152/190	196/245	225/281	276/345	300/375
Standby output (KW/KVA)	33/41	44/55	64/80	106/132	121/151	148/185	167/209	216/270	247/309	304/380	330/412.5
No. of phase	3 phase (4 wires)										
Rated voltage (V)	380~440										
Power factor	0.8										
Voltage regulation	±1.0% with 4% engine governing										
Waveform distortion	No load ≤1.5% and non-distorting balanced liner load ≤5%										
Insulation	Class H										
Silent Type Dimensions (CM)	210*93*130	225*93*103	223*94*130	275*100*142	275*100*142	305*108*148	320*115*160	340*125*165	350*125*170	400*130*190	420*130*190
Dry weight	1200	1250	1280	1750	1800	1850	2500	2750	3000	3150	3200