



D-ECO ENERGY CO., LTD.

DAEJIN GENERATOR SYSTEMS

No. 261, Songju-ro, Yangji, Cheoin, Yongin, Gyeonggi-do, Korea
Tel: 82-31-335-0077 Fax: 82-31-321-1962 E-mail: djpaul30@gmail.com

DETAIL SPECIFICATION FOR DJG-500HV (60hz) 6,600V

1. GENERATOR SPEC.

Dimension	(Open) 3,100 x 1,400 x 1,900(H) mm (SPF*) 4,100 x 1,700 x 2,250(H) mm
Weight	3,300kg (Open), 5,300kg (SPF*)
Alternator	Brushless, revolving field type
Output	Standby 500 kw / Prime 450 kw Standby 625 kva / Prime 563 kva
Voltage	6600 V
Power factor	0.8 lagging
Frequency	60 Hz
Pole / phase / wire	3 P 4W
Exciting system	Self exciting brushless
Insulation class	H
Measuring system	Voltage/ Frequency / Ampere Battery charge/ Oil pressure/ Hz meter External VCB panel

2. ENGINE SPEC.

Manufacturer	DOOSAN(Korea)
Power	750 Ps
Engine model	DP158LD
RPM	1,800 rpm
Fuel system	Direct injection
Cooling system	Radiator cooling
No. of cylinder	8 – In line
Fuel oil	Diesel oil
Fuel consumption	101 L/H *



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3. GENERAL SPEC.

Ambient Temp.	-15 °C ~ 50 °C
Altitude	Below 1,500M from sea level
Relative humidity	85%
Battery charger	Alternator
Starting	Battery 24V starting
Diesel engine set mounted on steel base frame	Zinc galvanized base frame
Control panel	VCB (outdoor type)
Silencer	Attached
Noise	(open) 90 dB at 7 meter (SPF*) 80 dB at 7 meter
Fuel tank	Non

* SPF: Soundproof type

* Fuel consumption is on load of Standby power 75%

* Warranty: 1,000 hours or 1 year