

HYUNDAI
POWER PRODUCTS

DHY12000XSE
Diesel Generator
50Hz 3phase Standby 12.5kVA



Prime Power (kVA)	11.4
Prime Power (kW)	9
Standby Power (KVA)	12.5
Standby Power (KW)	10
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	127 / 220
Rate Current (A)	30
Controller	NANO
Control Voltage (DC/V)	12
Battery Capacity (Ah)	45
Coolant Capacity (L)	5
Fuel Tank Capacity(Base frame) (L)	30
Fuel Consumption (L/Hour)	4.2
Running Time (Hour)	7
Sound @7 meter (dBA)	75
Product size (mm)	1360x650x980
Weight net (kg)	318
Package size (mm)	1410x700x1015
Package Weight net (kg)	360
Engine Model	EV80
Prime power (kW)	12
Structure	2 cylinder,V type
Fuel type	Diesel
Fuel consumption (L/Hour)	4.2
Lubricant consumption (L/Hour)	0.05
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	2.27
Air intake flow (m ³ /min)	1.4
Exhaust gas flow (m ³ /min)	4.2
Exhaust gas temperature (°C)	550
Exhaust gas back pressure (Kpa)	5
Compression ratio	23
Aspiration	Natural
Bore (mm)	80
Stroke	79
Displacement (L)	0.794
SAE	J1349
Dimension (mm)	650 × 486 × 528
Net weight (Kg)	58
Alternator Model	KTS-10
Prime power (kVA)	10
Structure	1 bearing / Brush
Excitation mode	Self-excitation
Insulation class	F
Protection class	IP23
TIF	<50
THF	<2%
Air flow (m ³ /s)	0.071
AVR Model	Capacitance



Support engine and alterantor monitoring, measurement and protection. This is long-running and back-up unit to integrate the best way to control. support Modbus standard, modem,RS232、RS485、USB and internet.

Measurement, displayment	Nano
Genset prime power Kw	●
Power factor	●
Engine speed	●
Phase to neutral voltage	●
Phase to phase voltage	●
Genset frequency	●
Genset current	●
Mains Phase to neutral voltage	○
Mains Phase to phase voltage	×
Mains frequency	○
Engine oil pressure	●
Engine water temperature	●
Fuel level	×
Battery voltage	●
Genset power KVA	●
Genset running time	●
Genset output KWh	×
History file	×
Alarm, shutdown function	
Low oil pressure warning,shutdown	●
High water temperature warning,shutdown	●
Engine over and under speed shutdown	●
Low fuel level warning,shutdown	●
Battery low and high voltage warning	●
Battery charging failure	●
Genset low and high voltage warning, shut down	●
Alternator 3 phase voltage unbalance shut down	×
Alternator low and high frequency warning,shut down	●
Genset over load shutdown	●
Alternator 3 phase current unbalance shutdown	×
Mains low and high voltage warning	○
Mains low and high frequency warning	○
Optional	
Remote start and stop	●
RS232 card	○
USB card	●
RS485 card	○
Multi language display	×
GPRS communication	×
GPS communication	×

● standard ○ Optional × None