

HYUNDAI

DHY34KSE
Diesel Generator

50Hz 3phase Standby 34.4kVA

Multi Switchable
between single and 3-phase output



Phase	3Phase	1Phase
Prime Power (kVA)	31.3	21.3
Prime Power (kW)	25	17
Standby Power (kVA)	34.4	23.4
Standby Power (kW)	27.5	18.7
Power Factor	0.8	
Frequency (Hz)	50	
Rate Voltage (V)	400 / 230	
Rate Current (A)	45.2	92
Controller	DSE6020	
Control Voltage (DC/V)	12	
Battery Capacity (Ah)	55	
Coolant Capacity (L)	10.2	
Fuel Tank Capacity(Base frame) (L)	93	
Fuel Consumption (L/Hour)	9.5	
Running Time (Hour)	10	
Sound @7 meter (dBA)	67	
Open Type Product size (mm)	1810 × 950 × 1020	
Open Type Weight net (kg)	690	
Canopy type product size (mm)	2200 × 950 × 1250	
Canopy Type Weight net (kg)	1000	
Engine Model	HY4102	
Prime power (kW)	32	
Structure	4 cylinder,inline	
Fuel type	Diesel	
Fuel consumption (L/Hour)	9.5	
Lubricant consumption (L/Hour)	0.0475	
Governor	Mechanical	
Coolling	Water	
Lubricant capacity (L)	7.5	
Air intake flow (m³/min)	2.1	
Exhaust gas flow (m³/min)	2.2	
Exhaust gas temperature (°C)	400	
Exhaust gas back pressure (Kpa)	5	
Compression ratio	18	
Aspiration	Natural	
Bore (mm)	102	
Stroke	105	
Displacement (L)	3.8	
SAE	3/10.0	
Dimension (mm)	892 × 622 × 730	
Net weight (Kg)	320	
Alternator Model	184G	
Prime power (kVA)	31	
Structure	1 bearing	
Excitation mode	Self-excitation	
Insulation class	H	
Protection class	IP23	
TIF	<50	
THF	<2%	
Air flow (m³/s)	0.095	
AVR Model	AS440	



Support engine and alternator 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	DSE6020
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	●
Alternator3 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