

**HYUNDAI**  
POWER PRODUCTS

**DHY34KSL**

Diesel Generator  
50Hz 3phase Standby 34.4kVA



Prime Power (kVA)	31.3
Prime Power (kW)	25
Standby Power (KVA)	34.4
Standby Power (KW)	27.5
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	127/220
Rate Current (A)	82.1
Controller	MRS16
Control Voltage (DC/V)	12
Battery Capacity (Ah)	60
Coolant Capacity (L)	10.2
Fuel Tank Capacity(Base frame) (L)	102
Fuel Consumption (L/Hour)	9.5
Running Time (Hour)	10.7
Sound @7 meter (dBA)	65
Open Type Product size (mm)	1810 × 950 × 1020
Open Type Weight net (kg)	690
Canopy type product size (mm)	2350 × 1000 × 1250
Canopy Type Weight net (kg)	1130
Engine Model	HY4102
Prime power (kW)	33
Structure	4 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	9.3
Lubricant consumption (L/Hour)	0.0475
Governor	Mechanical
Cooling	Water
Lubricant capacity (L)	7.5
Air intake flow (m <sup>3</sup> /min)	2.1
Exhaust gas flow (m <sup>3</sup> /min)	6.3
Exhaust gas temperature ( )	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)	865 × 582 × 808
Net weight (Kg)	290
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 (m <sup>3</sup> /s)	0.095
AVR Model	SX460



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

MRS16

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