

HYUNDAI
POWER PRODUCTS

DHY145KSL

Diesel Generator
50Hz 3phase Standby 145.8kVA





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 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

Prime Power (kVA)	132.5
Prime Power (kW)	106
Standby Power (KVA)	145.8
Standby Power (KW)	116.6
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	220/380
Rate Current (A)	201.3
Controller	MRS16
Control Voltage (DC/V)	24
Battery Capacity (Ah)	80 × 2
Coolant Capacity (L)	34
Fuel Tank Capacity(Base frame) (L)	293
Fuel Consumption (L/Hour)	28.3
Running Time (Hour)	10.3
Sound @7 meter (dBA)	65
Open Type Product size (mm)	2395 × 1050 × 1500
Open Type Weight net (kg)	1530
Canopy type product size (mm)	3250 × 1100 × 1780
Canopy Type Weight net (kg)	2200
Engine Model	HY6B180L - D20
Prime power (kW)	120
Structure	6 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	28.3
Lubricant consumption (L/Hour)	0.12
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	18
Air intake flow (m ³ /min)	7.4
Exhaust gas flow (m ³ /min)	19.6
Exhaust gas temperature ()	532
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5:1
Aspiration	Turbo charging intercooled
Bore (mm)	108
Stroke	125
Displacement (L)	6.871
SAE	2/11.5
Dimension (mm)	1350 × 785 × 1130
Net weight (Kg)	700
Alternator Model	274E
Prime power (kVA)	140
Structure	1 bearing
Excitation mode	Self - excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m ³ /s)	0.514
AVR Model	AS440