

HYUNDAI
POWER PRODUCTS

DHY85KSL

Diesel Generator
50Hz 3phase Standby 85.3kVA





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)	77.5
Prime Power (kW)	62
Standby Power (KVA)	85.3
Standby Power (KW)	68.2
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	127/220
Rate Current (A)	203.4
Controller	MRS16
Control Voltage (DC/V)	24
Battery Capacity (Ah)	60 × 2
Coolant Capacity (L)	33.08
Fuel Tank Capacity(Base frame) (L)	199
Fuel Consumption (L/Hour)	17.7
Running Time (Hour)	11.2
Sound @7 meter (dBA)	65
Open Type Product size (mm)	1995 × 950 × 1240
Open Type Weight net (kg)	1255
Canopy type product size (mm)	2650 × 1000 × 1520
Canopy Type Weight net (kg)	1700
Engine Model	YC4A100Z - D20
Prime power (kW)	70
Structure	4 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	17.7
Lubricant consumption (L/Hour)	0.08
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	13
Air intake flow (m ³ /min)	3.4
Exhaust gas flow (m ³ /min)	6.4
Exhaust gas temperature ()	480
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5:1
Aspiration	Turbocharging
Bore (mm)	108
Stroke (mm)	132
Displacement (L)	4.84
SAE	3/11.5
Dimension (mm)	1330 × 770 × 1080
Net weight (Kg)	550
Alternator Model	224G
Prime power (kVA)	85
Structure	1 bearing
Excitation mode	Self - excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m ³ /s)	0.216
AVR Model	SX460