

**HYUNDAI**  
POWER PRODUCTS

**DHY110KSL**  
Diesel Generator  
50Hz 3phase Standby 110kVA





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)	100
Prime Power (kW)	80
Standby Power (KVA)	110
Standby Power (KW)	88
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	220/380
Rate Current (A)	151.9
Controller	MRS16
Control Voltage (DC/V)	24
Battery Capacity (Ah)	60 × 2
Coolant Capacity (L)	34
Fuel Tank Capacity(Base frame) (L)	263
Fuel Consumption (L/Hour)	23.83
Running Time (Hour)	11
Sound @7 meter (dBA)	65
Open Type Product size (mm)	2395 × 1000 × 1440
Open Type Weight net (kg)	1350
Canopy type product size (mm)	3050 × 1050 × 1700
Canopy Type Weight net (kg)	1920
Engine Model	HY6B135Z - D20
Prime power (kW)	90
Structure	6 cylinder, inline
Fuel type	Diesel
Fuel consumption (L/Hour)	23.83
Lubricant consumption (L/Hour)	0.09
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	18
Air intake flow (m <sup>3</sup> /min)	5.2
Exhaust gas flow (m <sup>3</sup> /min)	13.1
Exhaust gas temperature ( )	516
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5:1
Aspiration	Turbo
Bore (mm)	108
Stroke	125
Displacement (L)	6.871
SAE	2/11.5
Dimension (mm)	1350 × 788 × 1130
Net weight (Kg)	700
Alternator Model	274C
Prime power (kVA)	100
Structure	1 bearing
Excitation mode	Self - excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m <sup>3</sup> /s)	0.514
AVR Model	AS440

standard optional × None