

HYUNDAI
POWER PRODUCTS

DHY45KSL
Diesel Generator
50Hz 3phase Standby 41kVA





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

Prime Power (kVA)	38
Prime Power (kW)	30
Standby Power (KVA)	41
Standby Power (KW)	33
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	127/220
Rate Current (A)	99.7
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)	10.7
Running Time (Hour)	9.5
Sound @7 meter (dBA)	65
Open Type Product size (mm)	1810 × 950 × 1020
Open Type Weight net (kg)	770
Canopy type product size (mm)	2350 × 1000 × 1320
Canopy Type Weight net (kg)	1185
Engine Model	HY4105
Prime power (kW)	38
Structure	4 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	10.7
Lubricant consumption (L/Hour)	0.054
Governor	Mechanical
Cooling	Water
Lubricant capacity (L)	8.3
Air intake flow (m ³ /min)	2.4
Exhaust gas flow (m ³ /min)	7.2
Exhaust gas temperature ()	451
Exhaust gas back pressure (Kpa)	5
Compression ratio	18
Aspiration	Natural
Bore (mm)	105
Stroke	105
Displacement (L)	4.1
SAE	3/11.5
Dimension (mm)	819 × 600 × 726
Net weight (Kg)	330
Alternator Model	184J
Prime power (kVA)	43
Structure	1 bearing
Excitation mode	Self - excitation
Insulation class	H
Protection class	IP23
TIF	<50
THF	<2%
Air flow (m ³ /s)	0.095
AVR Model	SX460

standard optional × None