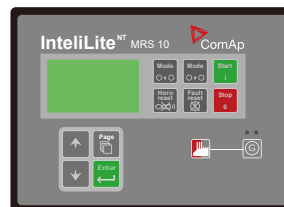


**HYUNDAI**  
POWER PRODUCTS

**DHY22KSE**  
**Diesel Generator**  
50Hz 3phase Standby 22kVA



Prime Power (kVA)	20
Prime Power (kW)	16
Standby Power (KVA)	22
Standby Power (KW)	17.6
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	127/220
Rate Current (A)	52.5
Controller	AMF9
Control Voltage (DC/V)	12
Battery Capacity (Ah)	60
Coolant Capacity (L)	10.2
Fuel Tank Capacity(Base frame) (L)	77.5
Fuel Consumption (L/Hour)	6.2
Running Time (Hour)	12.5
Sound @7 meter (dBA)	65
Open Type Product size (mm)	1510 × 900 × 980
Open Type Weight net (kg)	505
Canopy type product size (mm)	1900 × 900 × 1120
Canopy Type Weight net (kg)	786
Engine Model	HY490
Prime power (kW)	22
Structure	4 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	6.2
Lubricant consumption (L/Hour)	0.0315
Governor	Mechanical
Cooling	Water
Lubricant capacity (L)	6
Air intake flow (m <sup>3</sup> /min)	2.3
Exhaust gas flow (m <sup>3</sup> /min)	6.5
Exhaust gas temperature (°C)	400
Exhaust gas back pressure (Kpa)	5
Compression ratio	17.5
Aspiration	Natural
Bore (mm)	90
Stroke	100
Displacement (L)	2.5
SAE	4/7.5
Dimension (mm)	760 × 543 × 680
Net weight (Kg)	230
Alternator Model	184ES
Prime power (kVA)	20
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 MRS10

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	●
Alternator3 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