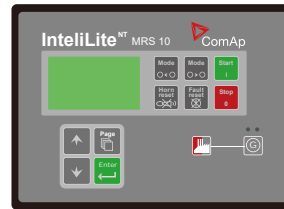


**HYUNDAI**  
POWER PRODUCTS

**DHY34KSE**  
**Diesel Generator**  
50Hz 3phase Standby 34.4kVA



Prime Power (kVA)	31.3
Prime Power (kW)	25
Standby Power (KVA)	34.4
Standby Power (KW)	27.5
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	127/220
Rate Current (A)	82.1
Controller	AMF9
Control Voltage (DC/V)	12
Battery Capacity (Ah)	60
Coolant Capacity (L)	10.2
Fuel Tank Capacity(Base frame) (L)	93
Fuel Consumption (L/Hour)	9.5
Running Time (Hour)	10
Sound @7 meter (dBA)	67
Open Type Product size (mm)	1810 × 950 × 1020
Open Type Weight net (kg)	690
Canopy type product size (mm)	2200 × 950 × 1250
Canopy Type Weight net (kg)	1000
Engine Model	HY4102
Prime power (kW)	33
Structure	4 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	9.3
Lubricant consumption (L/Hour)	0.0475
Governor	Mechanical
Cooling	Water
Lubricant capacity (L)	7.5
Air intake flow (m <sup>3</sup> /min)	2.1
Exhaust gas flow (m <sup>3</sup> /min)	6.3
Exhaust gas temperature (°C)	400
Exhaust gas back pressure (Kpa)	5
Compression ratio	18
Aspiration	Natural
Bore (mm)	102
Stroke	105
Displacement (L)	3.8
SAE	3/10.0
Dimension (mm)	865 × 582 × 808
Net weight (Kg)	290
Alternator Model	184G
Prime power (kVA)	31
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