

# HYUNDAI

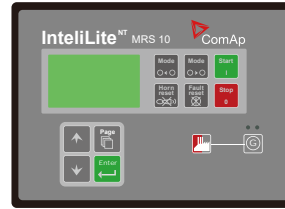
## DHY85KSE

### Diesel Generator

50Hz 3phase Standby 85kVA



Prime Power (kVA)	77
Prime Power (kW)	62
Standby Power (KVA)	85
Standby Power (KW)	68
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	440/230
Rate Current (A)	111
Controller	IL-NT MRS10
Control Voltage (DC/V)	DC24
Battery Capacity (Ah)	55x2
Coolant Capacity (L)	12
Fuel Tank Capacity(Base frame) (L)	180
Fuel Consumption (L/Hour)	18
Running Time (Hour)	10
Sound @7 meter (dBA)	72
Open Type Product size (mm)	1955 × 950 × 1360
Open Type Weight net (kg)	995
Canopy type product size (mm)	2500 × 950 × 1520
Canopy Type Weight net (kg)	1160
Engine Model	HY4A100Z-D20
Prime power (kW)	70
Structure	4 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	18
Lubricant consumption (L/Hour)	0.09
Governor	Electrical
Coolling	Water
Lubricant capacity (L)	13
Air intake flow (m³/min)	6.8
Exhaust gas flow (m³/min)	18.5
Exhaust gas temperature (°C)	550
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5
Aspiration	Turbocharging
Bore (mm)	108
Stroke	132
Displacement (L)	4.8
SAE	3/11.5
Dimension (mm)	1100 × 750 × 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 (m³/s)	
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	×
<b>Alarm, shutdown function</b>	
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	×
<b>Optional</b>	
Remote start and stop	●
RS232 card	○
USB card	○
RS485 card	○
Multi language display	○
GPRS communication	○
GPS communication	○

● standard ○ Optional × None