

# HYUNDAI

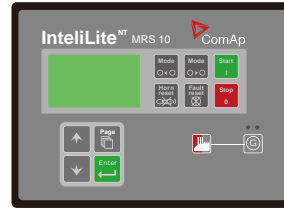
## DHY11KSE

### Diesel Generator

50Hz 3phase Standby 11kVA



|  |                   |
|--|-------------------|
| Prime Power (kVA)                      | 10                |
| Prime Power (kW)                       | 8                 |
| Standby Power (KVA)                    | 11                |
| Standby Power (KW)                     | 8.8               |
| Power Factor                           | 0.8               |
| Frequency (Hz)                         | 50                |
| Rate Voltage (V)                       | 400/230           |
| Rate Current (A)                       | 14.4              |
| Controller                             | IL-NT MRS10       |
| Control Voltage (DC/V)                 | 12                |
| Battery Capacity (Ah)                  | 60                |
| Coolant Capacity (L)                   | 5.8               |
| Fuel Tank Capacity(Base frame) (L)     | 42                |
| Fuel Consumption (L/Hour)              | 3.5               |
| Running Time (Hour)                    | 12                |
| Sound @7 meter (dBA)                   | 62                |
| Open Type Product size (mm)            | 1150 × 780 × 910  |
| Open Type Weight net (kg)              | 365               |
| Canopy type product size (mm)          | 1500 × 760 × 1090 |
| Canopy Type Weight net (kg)            | 480               |
| Engine Model                           | HY380             |
| Prime power (kW)                       | 11                |
| Structure                              | 3 cylinder,inline |
| Fuel type                              | Diesel            |
| Fuel consumption (L/Hour)              | 3.5               |
| Lubricant consumption (L/Hour)         | 0.0175            |
| Governor                               | Mechanical        |
| Coolling                               | Water             |
| Lubricant capacity (L)                 | 3.5               |
| Air intake flow (m <sup>3</sup> /min)  | 1.6               |
| Exhaust gas flow (m <sup>3</sup> /min) | 4.5               |
| Exhaust gas temperature (°C)           | 550               |
| Exhaust gas back pressure (Kpa)        | 5                 |
| Compression ratio                      | 18                |
| Aspiration                             | Natural           |
| Bore (mm)                              | 80                |
| Stroke                                 | 90                |
| Displacement (L)                       | 1.36              |
| SAE                                    | 5/7.5             |
| Dimension (mm)                         | 608 × 490 × 578   |
| Net weight (Kg)                        | 155               |
| Alternator Model                       | 164B              |
| Prime power (kVA)                      | 11                |
| Structure                              | 1 bearing         |
| Excitation mode                        | Self-excitation   |
| Insulation class                       | H                 |
| Protection class                       | IP23              |
| TIF                                    | <50               |
| THF                                    | <2%               |
| Air flow (m <sup>3</sup> /s)           | 0.071             |
| AVR Model                              | AS440             |



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