

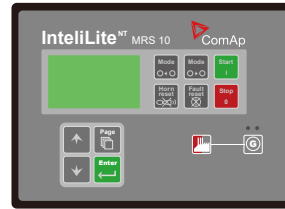
**ITC Power**

**DY200KSE**

**Diesel Generator**

50Hz 3phase Standby 199.4kVA





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	●
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)	181.3
Prime Power (kW)	145
Standby Power (KVA)	199.4
Standby Power (KW)	159.5
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	261.7
Controller	MRS10
Control Voltage (DC/V)	24
Battery Capacity (Ah)	120 × 2
Coolant Capacity (L)	35
Fuel Tank Capacity(Base frame) (L)	375
Fuel Consumption (L/Hour)	41.5
Running Time (Hour)	9
Sound @7 meter (dBA)	72
Open Type Product size (mm)	2550 × 1150 × 1515
Open Type Weight net (kg)	1875
Canopy type product size (mm)	3400 × 1150 × 1920
Canopy Type Weight net (kg)	2500
Engine Model	YC6A245L-D21
Prime power (kW)	165
Structure	6 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	41.5
Lubricant consumption (L/Hour)	0.16
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	21
Air intake flow (m³/min)	10.4
Exhaust gas flow (m³/min)	26.7
Exhaust gas temperature (°C)	580
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5:1
Aspiration	Turbocharging intercooled
Bore (mm)	108
Stroke (mm)	132
Displacement (L)	7.255
SAE	2/11.5
Dimension (mm)	1380 × 800 × 1120
Net weight (Kg)	725
Alternator Model	274H
Prime power (kVA)	200
Structure	1 bearing
Excitation mode	Self-excitation
Insulation class	H
Protection class	IP23
TIF	< 50
THF	< 2%
Air flow (m³/s)	0.514
AVR Model	AS440