

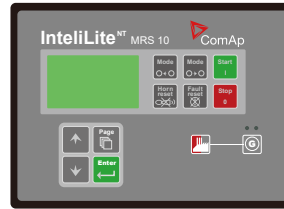
**ITC Power**

**DY165KSE**

**Diesel Generator**

50Hz 3phase Standby 165kVA





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.

Prime Power (kVA)	150
Prime Power (kW)	120
Standby Power (KVA)	165
Standby Power (KW)	132
Power Factor	0.8
Frequency (Hz)	50
Rate Voltage (V)	400/230
Rate Current (A)	216.5
Controller	MRS10
Control Voltage (DC/V)	24
Battery Capacity (Ah)	80 × 2
Coolant Capacity (L)	45
Fuel Tank Capacity(Base frame) (L)	275
Fuel Consumption (L/Hour)	33.25
Running Time (Hour)	8.27
Sound @7 meter (dBA)	72
Open Type Product size (mm)	2395 × 1050 × 1500
Open Type Weight net (kg)	1530
Canopy type product size (mm)	3200 × 1050 × 1760
Canopy Type Weight net (kg)	1925
Engine Model	YC6B205L–D20
Prime power (kW)	138
Structure	6 cylinder,inline
Fuel type	Diesel
Fuel consumption (L/Hour)	33.25
Lubricant consumption (L/Hour)	0.14
Governor	Electrical
Cooling	Water
Lubricant capacity (L)	16
Air intake flow (m³/min)	8.1
Exhaust gas flow (m³/min)	21.7
Exhaust gas temperature (°C)	540
Exhaust gas back pressure (Kpa)	10
Compression ratio	17.5:1
Aspiration	Turbocharging intercooled
Bore (mm)	108
Stroke (mm)	125
Displacement (L)	6.871
SAE	2/11.5
Dimension (mm)	1350 × 785 × 1130
Net weight (Kg)	700
Alternator Model	274EL
Prime power (kVA)	150
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

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	×

● standard ○ Optional × None