

TECHNICAL SPECIFICATION

CUMMINS POWERED GENERATOR SETS: M-C275


Quality Standards


Our diesel generating sets meets the following standards:
GB/T2820, GB1105, YD/T502, ISO3046, ISO8525, ISO8525-3-5-6.

Factory Test

Each our generating sets must be got through 1 hour load test for running 0%, 25%, 50%,75%, 100% and 110% load before dispatch, All protective devices, control functions are simulated and it's system checked, proved and then passed for dispatch. A test certificate can be provided upon request.

MAIN SPECIFICATIONS OF GENERATOR SETS

<i>Diesel Generator Set</i>	
GENSET MODEL NOS.	M-C275
Manufacturer	Intercon Modular, LLC
Rated speed / frequency	1500 rpm / 50 Hz
Continuous output (KW/KVA)	200/250
Standby output (KW/KVA)	220/275
Voltage, Phase and wire	400V/230V, 3 Phase and 4 Wires
Rated power factor	0.8 (lagging)
Maximum output current(A)	361
Dimension(L*W*H) (mm)	2950*970*1650
Weight(kg)	3100
Rating Definitions (Operation at Altitude \leq 1000m, Ambient temperature \leq 40°C)	
Continuous Power	
These ratings are applicable for supplying continuous electrical power (at variable load) in lieu of commercially purchased power. There is no limitation to the annual hours of operation and this model can supply 10% overload power for 1 hour in 12 hours.	
Standby Power	
These ratings are applicable for supplying continuous electrical power (at variable load) in the event of a utility power failure. No overload is permitted on these ratings. The alternator on this model is peak continuous rated (as defined in ISO8528-3) at 27°C	
<i>Diesel Engine</i>	
DIESEL ENGINE MODEL	 NT855-GA (Cummins)
Engine Characters	Water-cooled, 6 cylinders in line, 4-cycle, direct injection
The maximum output (kW)	254
Aspiration	Turbocharged
Compression Ratio	15:1
Bore(mm)× Stroke (mm)	140X152
Fuel consumption	54L/H(in full load)
Cubic Capacity (Liters)	14

Exhaust air flow(m3/min)	490
Compress air flow(m3/min)	20.7
Exhaust gas flow(m3/min)	56.9
Exhaust highest temperature	455°C
Lub-oil pan capacity(L)	36.7
Cooling water capacity(L)	63
Voltage for start(V)	24
Instrument for adjusting speed	Electronically
Noise level(A)	≤100dba(open) ≤75dba (silent)
ALTERNATOR	
ALTERNATOR MODEL	 LSA46.2L6 (Leroy Somer)
Excitation	Brushless
Insulation class	H
Protection class	IP23
Efficiency	90.5%
Voltage adjust range	≥±6%
Steady state voltage regulation	≤±1%
Voltage Control	AVR

