

TECHNICAL SPECIFICATION

CUMMINS POWERED GENERATOR SETS: M-C206


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-C206	
Manufacturer	Intercon Modular (China) LLC	
Rated speed / frequency	1500 rpm / 50 Hz	
Continuous output (KW/KVA)	150/188	
Standby output (KW/KVA)	165/206	
Voltage, Phase and wire	400V/230V, 3 Phase and 4 Wires	
Rated power factor	0.8 (lagging)	
Maximum output current(A)	270	
Genset type	Open type	Silent type
Dimension(L*W*H) (mm)	2590*1080*1520	3280*1080*1730
Weight(kg)	1700	2100
Rating Definitions (Operation at Altitude \leq 1520m, 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.		
<i>Diesel Engine</i>		
DIESEL ENGINE MODEL	 6CTA8.3-G2 (Cummins)	
Engine Characters	Water-cooled, 6 cylinders in line, 4-cycle, direct injection	
The maximum output (kW)	180	
Aspiration	Turbocharged	
Bore(mm) × Stroke (mm)	114X135	
Fuel consumption	40L/H(in full load)	
Cubic Capacity (Liters)	8.3	
Exhaust air flow(m3/min)	186	
Compress air flow(m3/min)	11.2	

Exhaust gas flow(m3/min)	30.84	
Exhaust highest temperature	638°C	
Lub-oil pan capacity(L)	20	
Cooling water capacity(L)	31	
Voltage for start(V)	24	
Instrument for adjusting speed	Electronically	
Noise level(A)	≤96dBA(open)	≤72dBA(silent)
ALTERNATOR		
ALTERNATOR MODEL	 LSA46.2M3 (Leroy Somer)	
Excitation	Brushless	
Insulation class	H	
Protection class	IP23	
Efficiency	92%	
Voltage adjust range	±0.5% with 4% engine governing	
Waveform Distortion	No load<1.5% and non-distorting balanced linear load<5%	
THF/TIF	<2%/<50	
Voltage Control	AVR	



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