

MODEL: MCCG-C250H

Power Pack for Reefer Containers





Applicable Standards

- ISO 8528-5:2018
- GB/T2820.5-2009
- CE

Environmental Conditions

- Ambient temperature: +5°C~+40°C
 - Altitude: ≤1000m
- Remark: If your conditions are different from the above, please contact our sales.

Factory Inspection

- Complete design and quality inspection
- 0%, 25%, 50%, 75%, 100%, 110% load test.
- Function test.
- Protection test

Painting Process

- MPMC has the most advanced automatic spraying / powder coating production line, and is equipped with various sandblasting equipment to ensure higher quality.
- Container painting: Henkel pretreatment process and world famous brand AkzoNobel powder.
- Base Frame painting: Sandblasting process and AkzoNobel powder (Hempel paint is optional).

General Information		Prime power	Standby power
Rated Power (kVA)		313	344
Power Rating (kW)		250	275
Frequency (Hz)		60	
Engine Model		NTA855-G1	
Engine Speed (RPM)		1800	
Phase		3	
PF		0.8	
Control System		Digital	
Rated voltage (V)		460/265 (According to customer requirements)	
Fuel tank capacity operating time		≥ 45h @ 100% load	
Available for Reefer containers		24 sets	
Standby sockets		4	
Fuel Consumption (L/h)	110% load	80.7	
	100% load	73.4	
	75% load	55	
	50% load	36.7	

Dimension and Weight

Length (L) mm	6058
Width (W) mm	2438
Height (H) mm	2591
Dry weight (kg)	6230
Tank capacity (L)	2500

Note: Specifications and illustrations are subject to revision without notice.



ISO9001:2015
Quality system certified



ISO14001
System certification



OHSAS18001
System certification



CE certificate

Socket for ISO reefer container

- IP 57
- CEE-17 standard
- 32 A with 3P3W

Engine Specifications

Engine model & manufacturer	NTA855-G1 (Cummins)
Emission Certification	—
Number of cylinders	6
Cylinder arrangement	In-line
Cycle	Four stroke
Aspiration	Turbocharged
Bore x Stroke	140 x 152 mm
Displacement	14 L
Compression ration	14.5: 1
Prime power /speed	287 kW/1800 rpm
Standby power /speed	317 kW/1800 rpm
Speed governor	Electronic
Cooling system	Forced Water Cooling Cycle
Frequency droop	≤ 3%
Total lubrication system capacity	38.6 L
Coolant capacity (engine only)	20.8 L
Fuel consumption	100% load 231 g/kWh @1800 rpm
Starter motor	DC 24V
Charge alternator	DC 24V

- Heavy duty diesel engine
- Anti-vibration mount
- Replaceable fuel filter, oil filter & air filter
- Cooling radiator and fan

- Starter battery (with lead acid) including rack and cables
- Flexible fuel connection hoses
- Exhaust silencer and bellows
- Operation manuals and circuit diagram documents

Alternator Specifications

Alternator	
Number of phase	3
Power factor (Cos Phi)	0.8
Poles	4
Insulation type	H class
Winding Pitch	2/3
IP rating	IP23
Bearing	Single bearing
Voltage regulator	A.V.R
Coupling	Flexible disc

Options

Engine	Alternator	Fuel System	Generating Set
<ul style="list-style-type: none"> <input type="checkbox"/> Water Jacket Preheater <input type="checkbox"/> Oil Preheater <input type="checkbox"/> Oil manual pump 	<ul style="list-style-type: none"> <input type="checkbox"/> PMG excitation <input type="checkbox"/> Anti dust filter <input type="checkbox"/> Space heater <input type="checkbox"/> Winding temperature measuring 	<ul style="list-style-type: none"> <input type="checkbox"/> External fuel tank <input type="checkbox"/> Automatic fuel feeding <input type="checkbox"/> Special materials 	<ul style="list-style-type: none"> <input type="checkbox"/> Deepsea, ComAp, Smartgen etc. controller <input type="checkbox"/> Trailer <input type="checkbox"/> Tools with the machine



MPMC USA



MPMC UK



MPMC UAE



MPMC PA



MPMC NL



MPMC SA



MPMC CN

MPMC POWERTECH CORP.

sales@mpmc-china.com | www.mpmc-china.com

Photographs are for illustrative purposes only and may not reflect final specification.

Follow us



<https://www.facebook.com/mpmcgroup>



<https://www.linkedin.com/company/mpmcpowertech/>



<https://www.youtube.com/user/MPMCGenerator>

All information in this document is substantially correct at time of printing and may be altered subsequently. Final weight and dimensions will depend on completed specification.