

Powered by YuChai



Applicable Standards

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

General Information		Prime power	Standby power
Rated Power (kVA)		38	41
Power Rating (kW)		30	33
Frequency (Hz)		50	
Engine Model		YC4D60-D21	
Engine Speed (RPM)		1500	
Phase		3	
PF		0.8	
Control System		Digital	
Rated voltage (V)		400/230 (According to customer requirements)	
Fuel tank capacity operating time		≥ 8h @ 75% load	
Fuel Consumption (L/h)	110% load	12.3	
	100% load	10.9	
	75% load	8.2	
	50% load	5.9	

Environmental Conditions

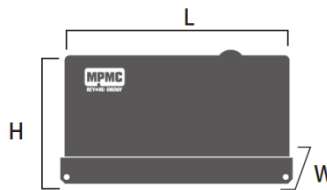
- Ambient temperature: +5°C~+40°C
 - Altitude: ≤1000m
- Remark: If your conditions are different from the above, please contact our sales.

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.
- Canopy painting: Henkel pretreatment process and world famous brand AkzoNobel powder.
- Base Frame painting: Sandblasting process and AkzoNobel powder (Hempel paint is optional).



Dimension and Weight

Model	MYC38-1 Open type	MYC38S-1 Silent type
Length (L) mm	2200	2800
Width (W) mm	805	1130
Height (H) mm	1450	1580
Dry weight (kg)	950	1630
Tank capacity (L)	150	150
The loading capacity (40'HC)	14 units	8 units

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



Engine Specifications

Engine model & manufacturer		YC4D60-D21 (YuChai)
Emission Certification		China Tier II
Number of cylinders		4
Cylinder arrangement		In-line
Cycle		Four stroke
Aspiration		Naturally aspirated
Bore x Stroke		108 x 115 mm
Displacement		4.21 L
Compression ratio		17.5: 1
Prime power /speed		40 kW/1500 rpm
Standby power /speed		44 kW/1500 rpm
Speed governor		Electronic
Cooling system		Forced Water Cooling Cycle
Frequency droop		≤ 3%
Total lubrication system capacity		11 L
Coolant capacity (engine only)		7.35 L
Fuel consumption	100% load	227 g/kWh @1500 rpm
Starter motor		DC 24V
Charge alternator		DC 24V
<ul style="list-style-type: none"> ● Heavy duty diesel engine ● Anti-vibration mount ● Replaceable fuel filter, oil filter & air filter ● Cooling radiator and fan 		<ul style="list-style-type: none"> ● 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