MPMC BEY#ND ENERGY



MODEL: MCCT-1GYA/AC

Generator Set for Reefer Containers

MPMC BEY#ND ENERGY

Generator set				
Emission regulation		China Off Road Stage III		
Rated power		15 kW / 18.75 kVA		
Rated voltage		460 V		
Rated frequency		60 Hz		
Overall dimension	Length	2320 mm		
	Width	811(689+122) mm		
	Height	1100 mm		
Weight		980 kg (Without oil and coolant)		
Fuel tank capacity		410 L		
Operation temperature range		-40°C~ + 55°C		
The loading capacity		20ft container: 7 units, 40ft container: 14 units		
Engine				
Model		4TNV88-GGHWC		
Manufacturer		YANMAR		
TYPE		Vertical in-line, 4-cycle, water-cooled diesel engine		
Number of cylinders		4		
Bore		88 mm		
Stroke		90 mm		
Total displacement		2.19 L		
Standby output		21.6 kW		
Continuous output		19.6 kW		
Rated speed		1800 r/min		
Coolant volume		10 L (Including reserve tank)		
Oil tank capacity		7.4 L		
Fuel consumption		1.7~3.0 L/h (Loading reefer container)		
Air cleaner type		Heavy-duty oil bath filter air cleaner		
Starting system		12 VDC-1.4 kW Starting motor		
Starting aid		12 VDC Glow plug		
Charging generator	ſ	12 V-40 A Charging generator		





MPMC BEY#ND ENERGY

Alternator

Model





RF-15-CIMC-FS

Manufacturer	SHANGHAI CIMC GENERATING SET CO., LTD	
Excitation method	Permanent magnet excitation	
IP Grade	IP56	
Insulation class	н	

Control system		
Model	MCCT-1GYA	MCCT-1GYAC
Control unit	EG-1	MPMC 4010NC or MPMC 4100LT
Instrument	Hour meter, temperature gauge, oil pressure, DC voltmeter, indicator.	LCD integrated display
Circuit breaker	50A, manually reset is required	Without circuit breaker
Protection feature	Low oil pressure, high coolant temperature, low coolant level, generator short circuit or over load.	Low oil pressure, high coolant temperature, low coolant level, over load, over/ under engine speed, high/ low AC voltage, low fuel level, etc.
	ON/ OFF switch	ON/ OFF switch
Generator set control	START/ PREHEAT switch	START/ PREHEAT switch
		CYCLE RUN/ STOP CYCLE switch
	NA	1) Less fuel consumption by 30%-40%
Cycle run system(optional)		Resettable Running time T1 and Stopping time T2
Cloud monitoring system (optional)	NA	One-stop platform by mobile APP and WEB for remote monitoring and management on genset parameter and runtime, record tracking, navigating etc.

Auxiliary System		
Battery	12 VDC-90 AH maintenance-free battery	
Receptacle	IP67 receptacle, 32A, 3 wire-4 pole, Earth contact position-3h.	
Fuel gauge	Mechanical fuel gauge	















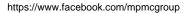




sales@mpmc-china.com | www.mpmc-china.com Photographs are for illustrative purposes only and may not reflect final specification.

Follow us







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.