MPMC BEY#ND ENERGY



MODEL: MCCT-1GY/YC

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: 8 units, 40ft container: 16 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		12 V-40 A Charging generator	







MPMC BEY#ND ENERGY

Alternator

Model





RF-15-CIMC-FS

Excitation method	Permanent magnet excitation
IP Grade	IP56
Insulation class	Н

Control system				
Model	MCCT-1GY	MCCT-1GYC		
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.		
Generator set control	ON/ OFF switch START/ PREHEAT switch	ON/ OFF switch START/ PREHEAT switch CYCLE RUN/ STOP CYCLE switch		
Cycle run system(optional)	NA	Less fuel consumption by 30%-40% 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				

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	









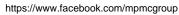
















All information in this document is substantially correct at time of printing and may be altered subsequently. Final weight and dimensions will depend on completed specification.















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