MPMC BEY#ND ENERGY



MODEL: MCCT-3GYS/SC

Generator Set for Reefer Containers

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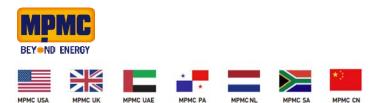
Generator set		
Emission regulation		China Off Road Stage III
Rated power		15 kW / 18.75 kVA
Rated voltage		460 V
Rated frequency		60 Hz
Overall dimension	Length	1450 (25+1400+25) mm
	Width	1640 mm
	Height	860 (585+275) mm
Weight		780 kg (Without oil and coolant)
Fuel tank capacity		190 L
Operation temperature range		-40°C~ + 55°C
The loading capacity		20ft container: 8 units / 40ft HQ container: 24 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



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Generator

Model			
	RF-15-CIMC-FS		
Excitation method	Permanent magnet excitation		
IP Grade	IP56		
Insulation class	н		
Control system			
Model	MCCT-3GYS	MCCT-3GYSC	
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 Systems			
Battery	12 VDC-90 AH maintenance-free battery		
Receptacle	IP67 receptacle, 32 A, 3 wire-4 pole, Earth contact position-3h.		
Fuel gauge	Mechanical fuel gauge		



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