

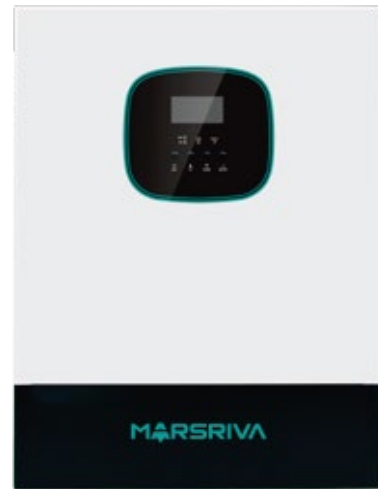
Off-Grid Solar Inverter

Single Phase - IP20 - High Frequency

Model: MR-SPF5K(10K)-LP2-TB20T

FEATURES

- Support BMS communication for Lithium battery
- Selectable charging current based on applications
- Split phase output 110V/220V
- High battery solar charging current 120A
- High efficiency design for optimized battery performance
- WiFi plug with APP for remote monitoring
- Built-in anti-dust kit



SPECIFICATION

MODEL	MR-SPF5K-LP2-TB20T	MR-SPF10K-LP2-TB20T
RATED POWER	6.3kVA / 5kW	12.5VA / 10kW
INPUT		
Nominal input voltage	110VAC	
Input voltage range (selectable)	77VAC-132VAC, 50 - 60Hz (Auto sensing)	
OUTPUT		
Output voltage regulation	110VAC	
Nominal output frequency	50Hz / 60Hz	
Waveform	Pure sine wave	
Transfer time	<8ms	
Power factor	0.8	
PV INPUT		
Solar charger type	MPPT	
Max. PV array power	6400W	
Max. PV input current	120A	
Max. voltage of open circuit	150VDC	
MPPT voltage range	60-150VDC	
BATTERY & CHARGING		
Battery type	Li-ion / Lead-Acid / Users Defend	
Rated battery voltage	48VDC	48VDC
Max. PV charging current	120A	120A
Max. AC charging current	50A	100A
Max. Hybrid charging current	120A	120A
PHYSICAL & COMMUNICATION		
Dimension, W x H x D (mm)	402.8x542.5x176	
Net Weight (kg)	11.6	18.56
Embedded interfaces	RS232, BMS, Dry-contact	
External modules	Wi-Fi module	

Specifications are subject to change without notifications and all the product diagrams are for reference only