



▶ 2024

NEW PRODUCTS
MARSROCK

SN UPS Off-Grid Inverter



4000W/6000W

Pure Sine Wave Solar Inverter



► Product Specifications

DC Input (PV)	Recommended Max. PV Input Power	4000W	6000W
	Max. Input Voltage	500V	500V
	Rated Input Voltage	380V	380V
	MPPT Operating Voltage Range	75V~450V	75V~450V
	Number Of MPPT	1	1
	Max. Number Of Input Strings per MPPT	1	1
	Max. Input Current Per MPPT	27A	27A
	Max. Short-circuit Current Per MPPT	35A	35A
Battery Parameters	Battery Type	Lithium /Lead-acid	Lithium /Lead-acid
	Battery Voltage Range	20V~30V	40V~60V
	Number Of Battery Input Channels	1	1
	Max. Charge/Discharge Power	3600W/3600W	6000W/6000W
	Max. Charge/Discharge Current	120A/150A	120A/125A
	BMS Communication Mode	RS485	RS485
AC Output (Off-Grid)	Rated Output Power	3600W	6000W
	Rated Output Current	15.6A	26.1A
	Rated Output Voltage	220/230/240V AC	220/230/240V AC
	Rated Output Frequency	50/60Hz	50/60Hz
	Max. Output Apparent Power	3600VA	6000VA



AC Output (Off-Grid)	Peak Output Apparent Power,time	2*rated power, 5s	2*rated power, 5s
	Max. Output Current	16.4A	27.3A
	THD (@ linear load)	<3%	<3%
	Switching Time	10ms typical (For UPS) 20ms typical (For Home Appliances)	
Efficiency	Max.MPPT Eciency	99.9%	99.9%
	Max. Eciency	N/A	N/A
	European Eciency	N/A	N/A
	Max. Efficiency Of Charging/Discharging [1]	90%~93%	93%
Protection	Inner Protection	√ Output short circuit protection √ Output overvoltage protection	
	Surge Protection	PV: Type III, AC: Type III	
	IP	IP54	IP54
General Parameters	Operating Temperature Range	-10°C~50°C	-10°C~50°C
	Relative Humidity Range	5%~95%	5%~95%
	Max. Operating Altitude	2000m	2000m
	Standby Self-consumption_ [2]	<10W	<10W
	Topology	NO-Isolated	NO-Isolated
	Installation Method	Wall-mounted	Wall-mounted
	Cooling Mode	Forced air cooling	Forced air cooling
	Communication	RS232/RS485/Dry contact	RS232/RS485/Drycontact/WI—FI
	Display	LCD	LCD
Mechanical Specifications	Mounting	Wall-mounted	Wal1-mounted
	Inverter Dimensions (W*H*D)(mm)	345*435*115	345*435*115
	Inverter Weight (solar chg)(kg)	12.1	13
	Shipping Dimensions (WH*D)(mm)	365*455*135	365*455*135
	Shipping Weight (solar chg)(kg)	13.5	15
	Loading(20GP/ 40GP/ 40HQ)		

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