



Solar Inverter



Pure Sine Wave



MPPT



RS485/232

PARAMETER								
Model	1000	1500	2000	3200A	3200B	5000A	5000B	7200
Rated power	1000W	1500W	2000W	3200W		5000W		7200W
Standard voltage	12VDC	24VDC				48VDC		
Installation	Wall mount installation							

光伏参数							
Working model	MPPT						
Rated PV input voltage	15-80VDC	30-100VDC		120-450VDC	60-160VDC	120-500VDC	
MPPT tracking voltage range	15-30VDC	30-60VDC		360VDC	60-90VDC	360VDC	
Max input voltage (VOC) at lowest temperature	120VDC			500VDC	180VDC	500VDC	
Max input power	840W	1680W		4000W	3360W	6000W	9000W
Number of MPPT tracking paths	1 Path					2 Path	

INPUT			
DC input voltage range	21-30VDC		42-60VDC
Rated mains power input voltage	220/230/240VAC		
Grid power input voltage range	170~280VAC(UPS Mode)/120~280VAC(Inverter Mode)		
Grid input frequency range	45~55(50Hz) 55~65Hz(60Hz)		

OUTPUT		
Inverter	Output efficiency	94%
	Output voltage	220VAC±2%/230VAC±2%/240VAC±2%
	Output frequency	50Hz±0.5 or 60Hz±0.5
Grid	Output efficiency	>99%
	Output voltage range	Following input
	Output frequency range	Following input
Battery mode no-load loss	≤1%(At rated power)	
Grid mode no-load loss	≤0.5% Rated power(The charger of grid power doesn't work)	

BATTERY								
Battery type	Lead acid battery	Equal charging voltage 56.6V Float voltage 54V						
	Customized battery	The parameter can be set according to customers' requirement(Use different types of battery by setting the panel)						
Max mains charging current	120A	100A	110A	120A	100A	120A	120A	150A
Max PV charging current	60A	60A	60A	60A	100A	60A	100A	150A
Max charging current(Grid+PV)	60A	40A	50A	60A	60A	60A	60A	80A
Charging method	Three-stage (constant current, constant voltage, float charge)							

PROTECTED MODE	
Battery low voltage alarm	Battery low voltage protection value +0.5V (Single battery voltage)
Battery voltage protection	Factory default: 10.5V (Single battery voltage)
Battery over voltage alarm	Equal charging voltage +0.8V (Single battery voltage)
Battery over voltage protection	Factory default: 17V (Single battery voltage)
Battery over voltage recovery	Battery over voltage protection value -1V (Single battery voltage)
Overload/short circuit protection	Automatic protection (Battery mode), circuit breaker or fuse (Grid mode)
Temperature protection	≥90°C off output

PERFORMANCE PARAMETERS				
Conversion time	≤10ms			
Cooling method	Intelligent cooling fan			
Working temperature	-10~40°C			
Storage temperature	-15~60°C			
Altitude	2000m(>2000m altitude need derating)			
Humidity	0~95% (No condensation)			
Product Size	355*272*91.5mm	400*315*101mm	440*342*101mm	525*352*115mm
Package Size	443*350*187mm	488*393*198mm	528*420*198mm	615*435*210mm
Net weight	6.5kg	8.2kg	10kg	14kg
Gross weight	7.5kg	9.5kg	11kg	15.5kg