



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		