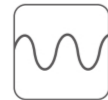


Lithium battery
Communication

Wall-mount Solar Inverter



Single phase
output



Pure Sine Wave



MPPT



Communication



PARAMETER				
Rated power	3200W	5500W	8000W	11000W
Standard voltage	24VDC	48VDC		
Installation	Wall mount installation			
solar PARAMETER				
Working model	MPPT			
Rated solar input voltage	360VDC			
MPPT tracking voltage range	120-450V			
Max input voltage (VOC) at lowest temperature	500V			
Max input power	4000W	6000W	8000W	
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 model)/120~280VAC(inverter model)			
Grid input frequency range	40~55Hz(50Hz) 55~65Hz(60Hz)			
OUTPUT				
Inverter	Output efficiency	94%		
	Output voltage	220VAC±2%/230VAC±2%/240VAC±2%(Inverter model)		
	Output frequency	50Hz±0.5 or 60Hz±0.5(Inverter model)		
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 battey	Equalizing charging 13.8V Floating charging 13.7V (single battery voltage)		
	Customized battery	The parameter can be set according to customers' requirement (Use different types of battery by setting the panel)		
Max mains charging current	60A	80A		
Max solar charging current	100A	150A		
Max charging current(Grid+solar)	100A	150A		
Charging method	Three-stage (constant current, constant voltage, float charge)			
PROTECTED MODE				
Battery low voltage range	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 Voltage	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	≤4ms			
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	420*290*110mm	460*304*110mm	520*450*200mm	
Package Size	486*370*198mm	526*384*198mm	580*510*260mm	
Net weight	8.5kg	9.5kg	17kg	
Gross weight	9.5kg	10.5kg	19kg	