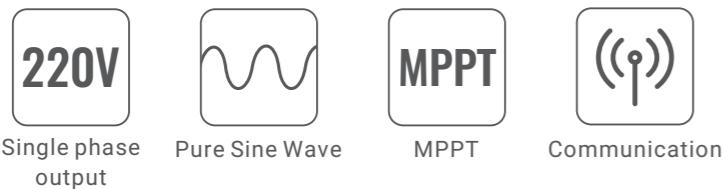


Wall-mount Hybrid Inverter



Product basic parameters

Rated power	3200W	5500W	6200W	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	3200W	5500W	6200W	8000W	11000W
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		