



PARAMETER	
Model	PP plus
Rated power	5000W
Standard voltage	48VDC
Installation	Wall mount installation

PV PARAMETER	
Working model	MPPT
Rated PV input voltage	360VDC
MPPT tracking voltage range	120-430V
Max input voltage (VOC) at lowest temperature	450V
Max input power	5500W
Number of MPPT tracking paths	1 Path

INPUT	
DC input voltage range	42-60VDC
Rated mains power input voltage	208/220/230/240VAC
Grid power input voltage range	90~280VAC(UPS model)/170~280VAC(inverter model)
Grid input frequency range	40~70Hz

OUTPUT		
Inverter	Output efficiency	94%
	Output voltage	208VAC±2%/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)	

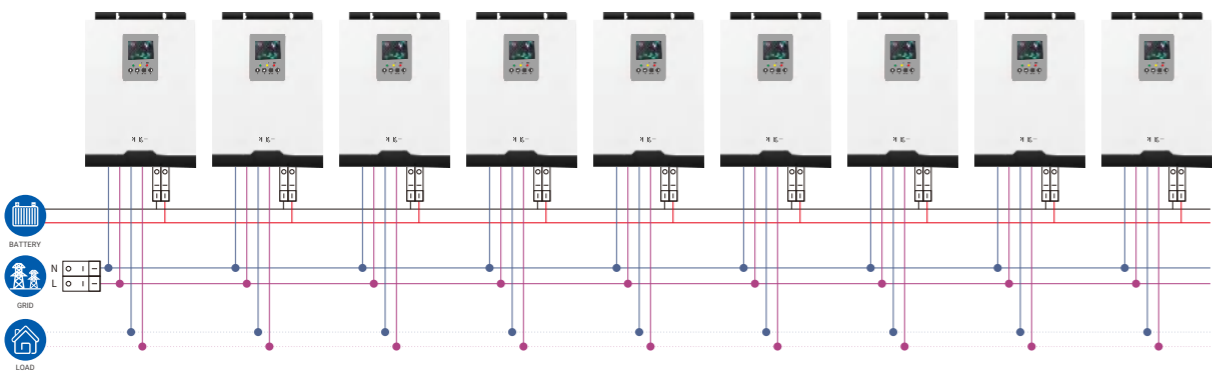
BATTERY		
Battery type	Lead acid battey	Equal charging voltage 56.6V Float voltage 54V
	Customized battery	The parameter can be set according to customers' requirement (Use different types of battery by setting the panel)
Max mains charging current	60A	
Max PV charging current	80A	
Max charging current(Grid+PV)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

PROTECTED MODE	
Battery low voltage alarm	Factory default setting: 44V
Battery low voltage protection	Factory default setting: 42V
Battery Over voltage Protection	61VDC
Overload power protection	Automatic protection (battery mode), circuit breaker or fuse (mains mode)
Inverter output short circuit protection	Automatic protection (battery mode), circuit breaker or fuse (mains mode)
Temperature protection	≥90°C off output

PERFORMANCE PARAMETERS	
Parallel quantity	9PCS
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	440*300*110mm
Package Size	515*375*205mm
Net weight	9.5kg
Gross weight	10.5kg

Solar Inverter

- Pure Sine Wave
- MPPT
- RS485/232
- Parallel use



Max 9 parallel Max power 45KW