

ONLINE LONG series 500-3000 VA **MPPT**

PHASE 1/1

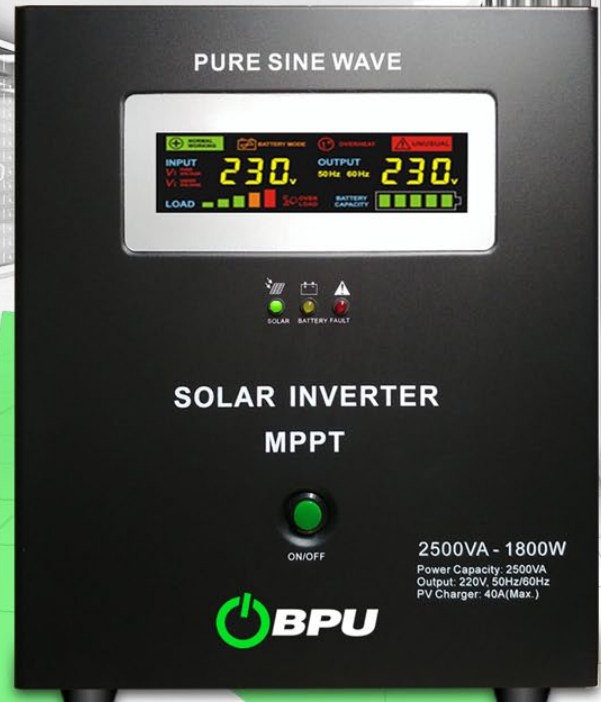
BPU SUPPORTED BY **KSTAR**



LCD full colour display with all warnings

Features

- Online - Double Conversion (PFC)
- Output power factor: 0.6 - 0.7
- Wide input-voltage range
- Battery self test when UPS startup
- Cold Start (DC)
- Overload protection
- High temperature protection
- Output high voltage protection
- Output low voltage protection
- Battery low voltage protection
- Short circuit and over-charge protection
- Over-discharge protection
- Reversed polarity (optional) protection
- DC charger high current selectable



Optional socket



MPPT controller up to 40A





BPU LONG SUPPORTED BY KSTAR

MPPT Controller

Technical Specifications:

Model	Long-500 MPPT	Long-800 MPPT	Long-1000 MPPT	Long-1500 MPPT	Long-2500 MPPT	
Rated Power	300W	500W	700W	1050W	1800W	
Battery Voltage	12Vdc	12Vdc	12Vdc	24Vdc	24Vdc	
Working Mode	PV(Photovoltaic priority) / AC (AC priority) optional					
PV MPPT	Input Voltage Range	12Vdc-50Vdc		24Vdc-50Vdc		
	Max. Charge Current	20A	20A	40A	40A	40A
	Max. Conversion Eff.	98%				
Display	Panel Indicator Light	LED graphic screen + LED lights				
Mains status (Optional)	Input Voltage Range	140Vac~275Vac				
	Input Frequency Range	45-65 Hz (automatically transfer to invert mode when overfrequency)				
	Output Voltage Range	190Vac~245Vac				
	Input PF. (AC/DC)	0.98				
	Efficiency	mains mode ≥ 96%				
	Charge Current	10A				
	Mains Overload	warning until decrease load				
	Short Circuit	yes				
Inverter Output	Inverter Output Voltage	220V±3%				
	Output Frequency	50 Hz / 60Hz ± 0.3Hz frequency adaptive				
	Output Power Factor	≥0.8				
	Wave Form	pure sine wave				
	PV-AC Transfer Time	4Ms typical value Max.6 Ms				
	Efficiency	invert mode ≥ 80%				
	Inverter Overload	110%-130% shutdown at 30s, 130%-150% shutdown at 3s				
	Short Circuit	system automatically shut down				
Alarm	Mains Abnormal	1time/1S, silence auto after 5S				
	Low Battery	1time/1S and flash battery last grid				
	Overload	1time/ 1S and display "overload" grid				
Others	Output Sockets	universal sockets / customized				
	Surge Protection	optional				
	Ambient Temperature	0°C ~ 40°C				
	Ambient Humidity	10% ~ 90% (non condensed)				
	Noise	≤ 50dB				
	Machine Dimension	230x225x125		260x275x149		

Specifications are subject to change without prior notice.