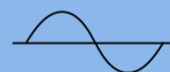




6000W DC 48V Split Phase Low Frequency, pure sine inverter, AC input **240V AC**, AC Output **120V/240V**, MPPT Max **120A** solar charger and **120A** AC charger.



Pure Sine Wave

6000W

Hybrid Solar Inverter

**120V
240V**

AC Output

120A

Max Battery Charger

Parallel Kit

Parallel support up to 9 units (54KW Max), 120V/240V split phase output without needing to parallel.

WIFI Model

Built-in WIFI transmitter to support monitoring on smart-phones.

Batteryless support

The inverter can power the loads from the PV array / ac grid without a battery connected (single unit support).

BMS Support

BMS (RS485, CAN-BUS, RS232) communication for Pylontech, Soltaro and Weco battery systems.

Grid Feedback

Grid Injection may be enabled to feed excess PV power to the grid (note: be sure to check with the local authority for approval before application)and this function can be disabled.

Hybrid BluePower TP6048 INVERTER / CHARGER

GENERAL INVERTER SPECIFICATIONS	
Number of Stackable Inverters	9
Nominal AC Input Voltage	120/240VAC(L1/L2/N required)
Nominal Input Frequency	50 Hz/60 Hz (Auto Detection)
BACKUP MODE SPECIFICATIONS	
Rated Output Power	6000W
Nominal DC Input Voltage	48VDC
Nominal Output Voltage	110-120VAC (L-N) / 220-240VAC (L1-L2)
Power Factor Range	>0.99
Efficiency (DC to AC)	93%
SOLAR INPUT SPECIFICATIONS	
Max. PV Power	6000W
MPPT Working range	120 VDC~430 VDC
Maximum PV open voltage	450 VDC
Max Input Current Draw	27A
Max Charging Current (PV alone, or combined AC and PV)	120A
ENVIRONMENTAL SPECIFICATIONS	
Operating Temperature	-10°C to 50°C
Application Type	Indoor only
Humidity	0 ~ 90% Relative Humidity (non-condensing)
Idle Power Consumption	135W
Operating Altitude	0 ~ 1500 Meters
PHYSICAL SPECIFICATIONS	
Dimension: L X W X H (inch)	25.6X15.0X5.9
Net Weight (lb)	73.2
WARRANTY INFORMATION	
	3 years