

Pulse-2

Photovoltaic Generator

IGNACORE

CAPACITY: 1000W/2000WH

PV PANEL: 550WP 



Ultra Safety Reliability

- LFP(Lithium ion Phosphate) the highest safety
- Multiple security protection strategies
- Quick connection and insulation protection.



Comprehensive Smart System

- Active balancing function between batteries, true parallel with RS485 communication.
- Single or in parallel for all 24V hybrid inverters, 2 in series for all 48V

Specification		PULSE-2
Output	Rated Voltage	220 - 230 Vac
	Rated Power	1000 W
	AC Output	Overload Power 1100 W (10s)
	Frequency	50 / 60 Hz
	USB-A Output	5 Vdc, 2.4 A max, QC3.0 up to 18 W
	USB-C Output	5 Vdc, 2.4 A max, QC3.0 up to 18 W
	12V DC Output	12 Vdc, 10 A max (120 W max)
Input	AC Charging Input	90 - 280 Vac, 45 / 65 Hz, 1000 W max
	MPPT Voltage Range	11 - 55 Vdc
	PV Input (MPPT)	MPPT Connector XT 60
	Max. Input Power	550 W
Battery	Battery Type	Lithium Iron Phosphate - LFP (LiFePO4)
	Battery Voltage	6.4 Vdc
	Battery Voltage Range	6.0 - 7.3 Vdc
	Capacity	314 Ah
	Energy	2.009 kWh
	Max. Charging Current	150 Adc
	Max. Discharge Current	150 Adc
General	Ingress Protection	IP21
	Charging Temperature	0 - 45°C
	Discharging Temperature	-10 - 45°C
	Size (W x H x D)	233 x 255 x 300 mm (9.17 x 10.04 x 11.81 in)
	Net Weight	19 kg
	Certification	CE / RoHS / SAA / FCC / PSE
	Warranty	3 Years
	Design Cycle Life	8000 cycles

Trina PV Panel

Brand Name	Trina Solar
Solar Cells	Monocrystalline
No. of cells	110 cells
Module Dimensions	2384×1096×30 mm (93.86×43.15×1.18 inches)
Weight	28.3 kg (62.39 lb)
Glass	3.2 mm (0.13 inches), High Transmission, Tempered Glass
Encapsulant material	EVA/POE
Backsheet	White
Frame	30 mm (1.18 inches) Anodized Aluminium Alloy
J-Box	IP 68 rated
Cables	Photovoltaic Technology Cable 6.0 mm ² (0.006 inches ²) Portrait: 350/280 mm (13.78/11.02 inches) Length can be customized
Connector	XT-60



Trinasolar

SCOPE OF SUPPLY		
1	UPS, IGNACORE, Pulse-2	01 set
2	Trina Solar PV Panel 550Wp	1
3	Bracket kit for Solar panel	01 set
4	DC Cable 6m	

