

Solar Power Station

Viva-Solar Power Station Nano-Solar Power Station Nano Plus-Solar Power Station

Solution package for Energy saving bulbs

- Viva-solar power station
- Solar panel with stand
- Power cord (to solar panel)
- External battery cable (Option)

Solar lighting solution package

- Nano-solar power station
- Solar panel with stand
- Power cord with lamp holder x 2
- Storage bag for easy carry

Solar power station package

- Nano Plus-solar power station
- Solar panel with stand
- Storage bag for easy carry
- External battery cable (option)
- External battery pack (option)

System Diagram:



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SOLAR POWER STATIONS SELECTION GUIDE

MODEL	Viva-solar	Nano Plus-solar	Nano-solar 400	Nano-solar 600	Nano-solar 800
CAPACITY	30 W	200 W	400VA/240W	600VA/360W	800VA/480W
INPUT					
Voltage	220/230/240 VAC	110/120VAC or 220/230/240VAC	110/120VAC or 220/230/240VAC		
Acceptable Voltage Range	110 - 300 VAC	90 - 145 VAC / 180 - 270 VAC	90 - 145 VAC / 180 - 270 VAC		
Frequency Range	60/50 Hz (auto sensing)	60/50 Hz (auto sensing)	60/50 Hz (auto sensing)		
OUTPUT					
Voltage (Batt. Mode)	160 - 230 VDC ± 10%	110/120 VAC or 220/230/240 VAC ± 10%	110/120 VAC or 220/230/240 VAC ± 10%		
Frequency	N/A	50 Hz or 60 Hz ± 1 Hz	50 Hz or 60 Hz ± 1 Hz		
Transfer Time	< 20 ms	2 - 6 ms	2-6 ms		
Waveform (Batt. mode)	DC output	Simulated Sine Wave	Simulated Sine Wave		
BATTERY & CHARGER					
Internal Battery & Numbers	Depending on the capacity of external batteries	Depending on the capacity of external batteries	12 V / 4.5 Ah x 1	12 V / 7 Ah x 1	12 V / 9 Ah x 1
Recharge Time			8 hours recover to 90% capacity		
External Battery Voltage	12 VDC	12 VDC	N/A		
INDICATORS					
LED Display	Three LEDs indicating inverter status, battery charging, and Polarity Reversal Protection	Two LEDs indicating AC mode, battery mode, low battery, and fault status	Two LEDs indicating AC mode, battery mode, low battery, and fault status		
PHYSICAL					
Dimension, D X W X H (mm) (@ vertically stand)	228 x 82.5 x 207	228 x 82.5 x 207	228 x 82.5 x 207		
Net Weight (kgs)	2.7	1	2.2	2.7	3.1
ENVIRONMENT					
Humidity	0 to 90% Relative Humidity (Non-condensing)				
Operating Temperature	0° C to 40° C				