

PERPETUAL POWER



👍 With PPSPL Solar system you can produce your own electricity. You are not affected by rising electricity prices. And you can use the electricity for your own consumption for your house / Office / Factory.

👍 PPSPL Solar electricity systems are often a more profitable and more secure investment than company shares

👍 PPSPL Solar System Enhances the quality of life of under served households, improves productivity at night and encourages the development of livelihoods.

👍 PPSPL Solar electrification provides affordable electricity that gives rural households access to lighting, radio and television.

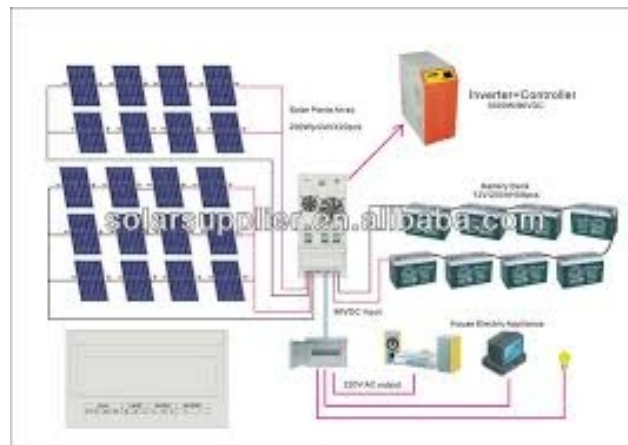
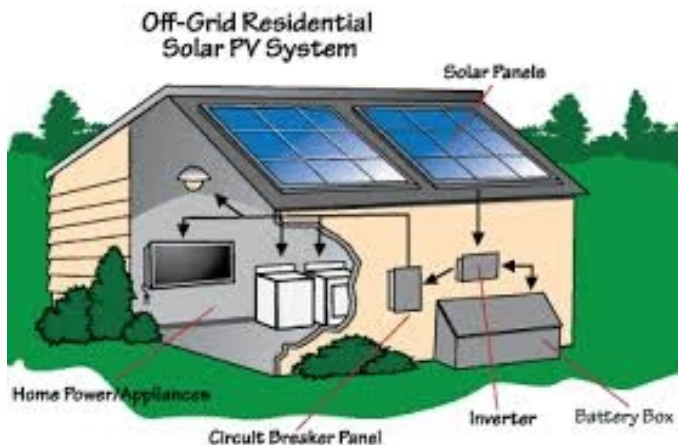
👍 With PPSPL solar lighting, there is a low risk for accidents

Features

- 👍 Full automatic.
- 👍 The production of solar power is completely silent and odour-free
- 👍 Auto switchover between solar and mains charging.
- 👍 Highly efficient PWM/MPPT Charge Controller and Inverter.
- 👍 Zero drop solar charger (10-40) Ampr.
- 👍 Simultaneous charging through mains as well as solar panel.
- 👍 Short charging time,
- 👍 Automatic line-to-battery switch over
- 👍 Long battery backup
- 👍 Low Utility Bills.
- 👍 Fast and Simple Installation.
- 👍 Flexible Locations.
- 👍 Maintenance Free.
- 👍 Long Life Time.
- 👍 Isolated output
- 👍 Adopt low frequency transformer, pure sine wave output, adapt to different load.
- 👍 IGBT module with high reliability.
- 👍 Producing clean electricity is good for the environment. It is your contribution to a brighter future for the next generation.
- 👍 Intelligent battery management, protection against over-charged and over-discharged to prolong the service life of the battery.
- 👍 Concise LCD display to check the working status.



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Rated Power	0.8	1.5	2.0	3.0	5.0	7.5	10.0	15.0	20.0	30.0	40.0	50.0	60.0	80.0
DC Input														
Rated Voltage (VAC)	12	24	24	48	120	144	180	240	240	360	384	384	384	384
Low Voltage (VDC)	10.8	21.6	21.6	43.2	108	129	162	216	216	324	345.6	345.6	345.6	345.6
Low Voltage Resume (VDC)	12.6	25.2	25.2	50.4	126	151	189	252	252	376	403.2	403.2	403.2	403.2
Over Voltage (VDC)	17	35	35	70	170	204	255	340	340	510	544	544	544	544
Commercial Input														
Input Voltage (VAC)	230							415						
Input Frequency (Hz)	50													
AC Output														
Rated Voltage (VAC)	230									415				
Rated Frequency (Hz)	50													
Output Waveform	Pure Sine Wave													
Overload Ability	120% 1 Minute													
Voltage Stabilization (AC)	230 +/- 3%							415 +/- 3%						
Frequency Stabilization (Hz)	50 +/- 0.04													
THD	< 3% (Linear Load)													
Dynamic Response (0-100%)	5%													
Power Factor (PF)	0.9													
Inverter Efficiency	> 90%													
Crest Factor	3:1													

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Strategic Power Solutions