

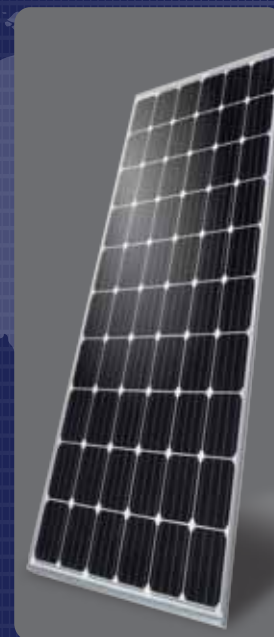
**Saves you bundles in energy bills, and help the environment at the same time.**

**POWER SOLAR GEN KIT SYSTEM**  
PSK 5000 / 200



**KEY FEATURES :**

- Compact Power control box features and functions
- LED Display
- Built-in controller 60A/48V
- Built-in inverter 3500W pure sine wave
- Three stage intelligent Automatic charging to protect battery
- High efficiency DC to AC conversion, Invert mode  $\geq 80\%$
- AC Output: 220V/3500W Maximum; 2 outputs
- USB Port 5V/1A Maximum 2 outputs

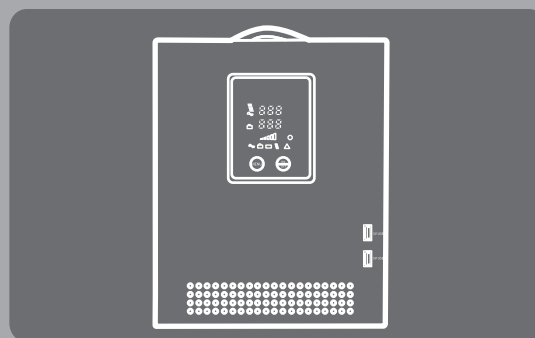


**Functions:**

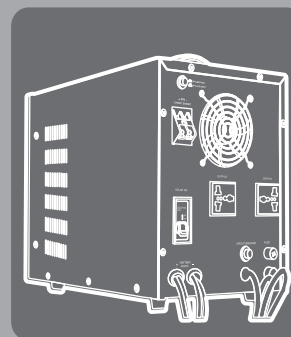
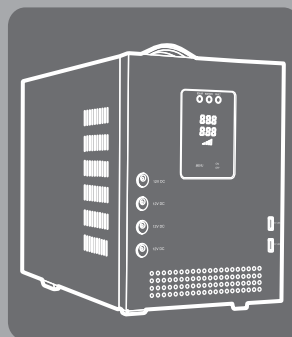
- AGM Deep cycle Batteries
- Battery rating at: 200AH/12V x 12
- Mono Solar Panel 18V /200W \* 20 ( 1580 x 808 x 40 17 Kgs)
- PV Input Voltage range : 60V - 100V Dc
- Overload , Short Circuit protection
- Over Charging and Over discharging protection
- With DC Breaker / Circuit Breaker / Fuse
- Surge Protection - Rated 3 times of rated power or current
- Low discharge and over charge battery protection
- Control Box size: 220 x 460 x 370 mm , 26 kgs
- Charging time: - From 7-8 h (during peak sun hours & daily consumption base on 10,000 Watt-Hours )

\* Conscious energy conservation is necessary to ensure the longevity of the batteries. For small kit system's , these requires careful management of energy usage, yet allows you the convenience of a utility-fed. Home / Facility.

**Maximizing solar panel efficiency:** Factors like shading, limited roof space, extended over- cast weather, etc. can impact the power you get from solar panels,so Racking the solar panels are recommended to maximize power. As a rule of thumb, to optimize winter performance, the solar array can be tilted 5 degrees more than the latitude angle, and to optimize summer performance, 15 degrees less than the latitude angle. Maximum available power output when pointed directly at the sun . Solar panels are installed differently based on their geographic locations through-out the world.



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**OFF-GRID APPLICATIONS**



**TYPICAL LOAD APPLICATIONS**



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from Conceptual design to Completion



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