

SOLAR PV MODULES



FEATURES

- Manufactured in India using world class technology platform and processes
- Premium grade high efficiency 4BB/5BB solar cells
- Potential Induced Degradation (PID) Resistant
- High transmission glass and cell surface texturing ensures excellent performance even in low light conditions
- More power due to positive power tolerance
- Weather proof junction box
- Robust anodized non-corroding aluminum frame for long life
- Suitable for all types of solar applications - Off-Grid, Grid-tie, Hybrid, DC, etc.
- Designed as per IEC and /or equivalent Standards : IEC 61215-2005, IEC 61730-Ed. 1 & 2, IEC 61701 & IEC 62804

Models	Weights	Dimensions (LxWxH)
EPP100W	7.06 kg	995 x 670 x 35 mm
EPP160W	10.78 kg	1485 x 665 x 35 mm
EPP265W	19.2 kg	1640 x 990 x 35 mm
EPP320W	21.48 kg	1960 x 990 x 40 mm

SOLAR BATTERIES



Battery Type	Variant	Ah Capacity @ C20	Warranty Period in Months*
EM150SB	Solar	150Ah	60+60
EM200SB	Solar	200Ah	60+60
EM10024TS	Solar	100Ah	24+12
EM15030TS	Solar	150Ah	18+12
EM15048TS	Solar	150Ah	36+12
EM15548TS	Solar	155Ah	24+24
EM16060TS	Solar	160Ah	36+24
EM20060TS	Solar	200Ah	36+24

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SOLAR POWER BACK-UP SOLUTION

www.eaplworld.com

SOLAR PV MODULES | MPPT SOLAR PCU | PWM SOLAR PCU | SOLAR HOME PCU
SOLAR MANAGEMENT UNIT | SOLAR CHARGER CONTROLLER



MPPT SOLAR PCU DIAMOND SERIES

FEATURES

- DSPic based Pure Sine Wave design
- Inbuilt MPPT Charge Controller.
- Maximum preference to Solar Power.
- USB based monitoring.
- 30 days data Logs.
- Inbuilt DC and AC energy meter.
- Tested as per IEC 61683 and IEC 60068-2-(1,2,14,30) standards.
- Robust design-20 yrs product life
- AC and DC Parameter configurable from LCD Switches :-
AC - Output Voltage/Input Voltage
DC - Charging Voltage/Charging Current
- Enable/Disable by LCD Switches :- NLSD Grid Charging, IT Load
- Operating Mode - PCU/SMART/HYBRID
- Application - Hospitals, Schools, Home, Industries, Petrol Pumps, Banks, Offices.

Range Available
3KVA to 10KVA

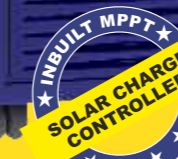


MPPT SOLAR PCU PEARL SERIES

FEATURES

- Upto 30% More Efficient because of MPPT Charge Controller.
- DSPic based Pure Sine Wave Design
- Reverse Voltage Protection.
- Extensive Electronic Protection.
- Maximum Power Preference to Solar.
- Digital LCD (16X2).
- User Friendly Setting by LCD Switches.
- Enable/Disable :- NLSD, Grid Charging, IT Load, GENSET & Operating Mode.
- Priority Mode Selection
1) PCU 2) Hybrid 3) Smart - For Saving Energy & Money.
- Application - Hospital, School, Home, Industries, Petrol Pumps, Bank etc.

Range Available
2KVA to 5KVA



MAKE YOUR INVERTER
A SMART SOLAR PCU

SOLAR MANAGEMENT UNIT (SMU)

FEATURES

- High speed and high performance micro-controller.
- High reliability with longer operational life.
- Inbuilt protection to avoid battery undercharge and over-charge.
- Inbuilt PWM Technology Charge Controller.
- Automatic Voltage selection for 12V or 24V.
- Solar Prioritization. Compact design with Wall Mounting.
- Eco friendly.
- Transient and Surge Protection.

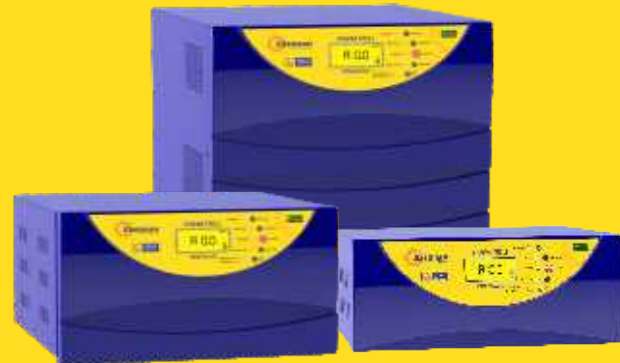


PWM SOLAR HOME PCU GOLD SERIES (SINEWAVE)

FEATURES

- High Speed Micro Controller based Solar Home UPS.
 - Built in Solar Charge Controller.
 - Multi-colour LCD Display.
 - Freq.:- Available - 50Hz & 60Hz.
- Charging Multi Stage (Bulk, Absorption & Float).
 - Solar Priority of load & battery charging.
 - Preference to Solar Power over Grid Power.
 - Pure sine wave output.
- Protections : RBP, RSPV, OVL, BL, OBC, SC, IHV & ILV.
 - Compatible with DG as an Input Source.
 - Compatible with IT Load.
- Priority Selection - PCU, Smart & Hybrid for Saving Energy and Money.

Range Available
1100 to 2650



SOLAR HOME PCU ECO SMART SERIES

FEATURES

- Maintain battery health for longer life.
- Inbuilt PWM Solar Charge Controller
- Grid Charging Enable / Disable
- Built-in IT mode.
- Easy Installation & low maintenance.
- Best Regulated output.
- Can Operate without Solar.
- Protections : RBP, RSPV, OVL, BL, OBC, SC, I/P HV & LV
- Battery Charging with Multi stage (Bulk, Absorption & Float) Auto Equalize in a month.
- Priority Mode Selection For Village & City Homes
1) PCU 2) Hybrid 3) Smart - For Saving Energy & Money.

Range Available
675 to 1475



SOLAR CHARGER CONTROLLER

FEATURES

- Controller Based PWM Technology.
- Works Efficiently
- LED/LCD Indication.
- Over Charging Current Protection.
- Over Charging Voltage Protection.
- Battery Reverse Protection.
- Overload Protection.
- SPV Reverse Polarity Protection.
- Automatic Voltage selection for 12V or 24V.
- Reverse Current Flow from Battery Solar Array Protection



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