

FEATURES

MONO PERC

- Higher Module Efficiency
- Better Performance even in cloudy conditions
- New Generation Perc Technology produces 6-12% More Energy

TWIN PERC

- Up to 20% more life
- Perform better in partial Shadow condition
- Hot Spot Free
- Small size of cells & Split Junction box reduces chances of failure

BIFACIAL PERC

- Up to 30% more wattage (As per different reflective conditions)
- Split Junction box reduces chances of failure

BIFACIAL TWIN PERC

- Up to 30% more wattage (As per different reflective conditions)
- Up to 20% more life
- Perform better in partial Shadow condition
- Hot Spot Free
- Small size of cells & Split Junction box reduces chances of failure

POLY CRYSTALLINE

- Poly crystalline solar panel are less expensive than Mono crystalline
- Can be used where less power production is required

PREMIUM RANGE

MONO PERC | TWIN PERC | BIFACIAL PERC | BIFACIAL TWIN PERC

Sr. No.	Type	Models	Gross Weight ±3% (Kg.)	Dimensions (LxWxH) [±3mm]
1.	MONO PERC	EMP135W	44.20 Kg	1010 x 670 x 35 mm
2.	MONO PERC	EMP200W	39.50 Kg	1505 x 670 x 35 mm
3.	MONO PERC	EMP330W	38.50 Kg	1675 x 1010 x 40 mm
4.	MONO PERC	EMP395W	48.50 Kg	2030 x 1010 x 40 mm
5.	TWIN PERC	ETP400W	48.50 Kg	2030 x 1010 x 40 mm
6.	BIFACIAL PERC	EBP395W	48.50 Kg	2030 x 1010 x 40 mm
7.	BIFACIAL TWIN PERC	EBT400W	48.50 Kg	2030 x 1010 x 40 mm

STANDARD RANGE POLY CRYSTALLINE

Sr. No.	Type	Models	Gross Weight ±3% (Kg.)	Dimensions (LxWxH) [±3mm]
1.	POLY	EPP50W	18.50 Kg	555 x 665 x 35 mm
2.	POLY	EPP100W	44.20 Kg	1010 x 665 x 35 mm
3.	POLY	EPP160W	38.50 Kg	1485 x 665 x 35 mm
4.	POLY	EPP265W	38.50 Kg	1675 x 1010 x 40 mm
5.	POLY	EPP335W	42.96 Kg	1985 x 1000 x 40 mm

S. No.	Battery Model No.	Capacity @C10 Ah	Container Type	Dimension (in mm) [L X W X H] [±3mm] [±2mm] [±3mm]	Warranty* (in months)
1	EM40SBL	40	N100	410 X 172 X 283	60 (36+24)
2	EM75SBL	75	N150J	508 X 212 X 273	60 (36+24)
3	EM100SBL	100	N150J	508 X 212 X 273	60 (36+24)
4	EM150JSB	150	N150J	508 X 212 X 273	60 (36+24)
5	EM150SB	150	N150J	508 X 212 X 273	120 (60+60)
6	EM16060SB	160	IT500	505 X 190 X 410	60 (36+24)
7	EM200SB	200	IT500	505 X 190 X 410	120 (60+60)

S. No.	Battery Type	Capacity @C20 Ah	Container Type	Dimension (in mm) [L X W X H] [±3mm] [±2mm] [±3mm]	Warranty* (in months)
1	EM10024TS	100	IT500	505 X 190 X 410	36 (24+12)
2	EM15030TS	150	IT500	505 X 190 X 410	42 (21+21)
3	EM15048TS	150	IT500	505 X 190 X 410	48 (36+12)
4	EM15554TS	150	IT500	505 X 190 X 410	48 (30+18)
5	EM15548TS	155	IT500	505 X 190 X 410	48 (24+24)
6	EM16060TS	160	IT500	505 X 190 X 410	60 (36+24)
7	EM16042TS	160	IT500	505 X 190 X 410	66 (42+24)
8	EM17060TS	170	IT500	505 X 190 X 410	120 (60+60)
9	EM20054TS	200	IT500	505 X 190 X 410	54 (30+24)
10	EM20060TS	200	IT500	505 X 190 X 410	60 (36+24)
11	EM25060TS	250	IT500	505 X 190 X 410	120 (60+60)

* Refer warranty card for other details

APPLICATIONS:



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For Trade Enquiry. 78728 78728

A COMPLETE SOLAR BACKUP SOLUTION

COMPATIBLE
with
SMF, Gel & Tubular
Batteries

ECO
Smart Mode,
PCU Mode
Hybrid Mode
(FOR SAVING
ENERGY & MONEY)

**LOW
ELECTRICITY BILL**
Solar Priority of
Load & Battery
Charging

**MONTHLY
EQUALIZATION**
It's Help to
be Increase
Battery
Life



SOLAR BATTERY | SOLAR PANEL | SOLAR PCU

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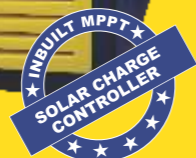


MPPT SOLAR PCU DIAMOND SERIES

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



ENERGIZING
INDIA

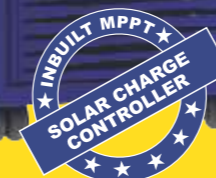


MPPT SOLAR PCU PEARL SERIES

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
1KVA to 5KVA



SOLAR MANAGEMENT UNIT (SMU)

MAKE YOUR INVERTER A SMART SOLAR PCU

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.

SMU401224



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.
- Compatible with SMF, Gel & Tubular Batteries.
- 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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