



HIGH CAPACITY UPS
SOLAR HY-BRID PCU

FEATURES AT A GLANCE

High Capacity Sine Wave Series - The ultimate sophisticated name of high capacity Inverter/UPS from True Power packed with the solution of DSP based technology in Single Phase Input- Single Phase Output & Three phase Input - Three Phase Output.. This state of the art technological marvel gives you continuous comfort.

1. One Stop Shop Solution: Hulk sine wave series is one stop shop solution for Cold Start, Pollution Free and Sound Free environment parameters, at a lower running cost than those bulky & nasty generators.
2. Sine Wave output with constant voltage & frequency.
3. Sophisticated Inverter/UPS: Safeguards your highly sophisticated electronic & electrical equipments.
4. IBM Charging Technology: Intelligent Battery Management improves Power Factor up to 0.9 & cuts down electricity bills.
5. Software Gateway: ASC Technology-Assessing System configuration- It verifies all critical system parameters at the time of start and during the running of the system.
6. Inbuilt TDR*: Time Delay Relay - Safeguards compressor equipped appliances during changeover period with a minimum time delay of 2.5 mins.

7. One more feather in our wing in the form of PLPO: Peak Load-Peak Output - this special feature is incorporated to ensure smooth running and solves the problem of cold start and ensure high peak handling capacity.
8. Battery Friendly:
Battery Equalizer: Safeguards batteries & assures optimum utilization for a longer life.
Battery Temperature Control: A new benchmark in the industry that improves battery life by 35%, while standardizing the limit of temperature inside the battery by controlling the parameters of charging.
9. LCD & LED Panels: In-built LCD & LED panels for continuous information about its status.
10. ECAC Technology: Error Correction Analogue Compare for Low THD- Produces electricity just like as your mains supply.
11. Static UPS*: Minimizes the chance of rebooting and restarting of sensitive equipments like Computer, DVD Player, Medical Equipments etc. during changeover period.

Note:* Add on features at extra cost.

High Capacity UPS Range

Capacity	Battery Voltage	Phase Input-Output
2/2.5 KVA	24 V	1 Phase
3/3.5 KVA	48 V	1 Phase
5 KVA	48/96 V	1 Phase
6 KVA	120 V	1 Phase
7.5 KVA	120 /180 V	1 Phase
10 KVA	180 V	1/3 Phase
15 KVA	360 V	1/3 Phase

Technical Specifications - High Capacity UPS

Model No.	2/2.5/3/3.5/5/6/7.5/10/15
Battery	24/48/96/120/180/360 V
Wave Form	Sine Wave
Input AC Range	110 V - 300 V
Input DC	24/48/96/120/180/360 V
Efficiency	>90%

PROTECTIONS

Overload	110%
Short Circuit	300%
Charging Current	10 A+-1A

Solar Panel Range

100W / 150W / 200W / 250W / 300W	250W
12V	24V

Solar Hy-brid PCU Range (DSP Based)

Capacity	Battery Voltage	Phase Input-Output
2.5 KVA	48 V	1 Phase
3.5 KVA	48 V	1 Phase
5 KVA	48/96 V	1 Phase
7.5 KVA	120 V	1 Phase
10 KVA	192 V	1 Phase

Note: Customised solutions also available.

Technical Specifications - Solar Hy-brid PCU (DSP Based)

Model No.	2.5 /3.5/	5	7.5/10
Input DC	48	48/96	120/192
Wave Form	DSP Sine Wave		
Input AC Range	110 V - 300 V		
Efficiency	>90%		
Input Volt Range DC	44V-60V± 2	88V-120V± 2	110V-150V± 2

Solar Charge Controller

Maximum I/P PV Voltage 25V per 12V solar panel

PROTECTIONS

Overload	110%
Short Circuit	300%
Charging Current	>30/40/45 A±2A
Solar Array	Single

Marketed by:

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