



**Total Perfection  
is my strength...  
it is me**



**BALii**





## FEATURES AT A GLANCE

**BALii Sine Wave Series** - The ultimate sophisticated name of high capacity Inverter/UPS from TP Impex Limited 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.

- One Stop Shop Solution:** BALii 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.
- Sine Wave output with constant voltage & frequency.**
- Sophisticated Inverter/UPS:** Safeguards your highly sophisticated electronic & electrical equipments.
- IBM Charging Technology:** Intelligent Battery Management improves Power Factor up to 0.9 & cuts down electricity bills.
- 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. time delay of 2.5 mins.

- 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.
- 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.
- LCD & LED Panels:** In-built LCD & LED panels for continuous information about its status.
- ECAC Technology:** Error Correction Analogue Compare for Low THD - produces electricity just like as your mains supply.
- 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 feature at extra cost.

## Range

Capacity	Battery Voltage	Phase Input-Output
2.5KVA	36/48 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	360/240 V	1/3 Phase
20 KVA	360/240 V	3 Phase
30 KVA	360 V	3 Phase
40 KVA	360 V	3 Phase
50 KVA	360 V	3 Phase
60 KVA	360 V	3 Phase
100 KVA	360 V	3 Phase

## Technical Specifications:

Model No.	2.5/3/3.5/5/6/7.5/10/15/20/30/40/50/60/100 KVA
Battery	36/48/96/120/180/240/360 V
Wave Form	Pure Sine Wave
Input AC Range	110 V - 300 V
Input DC	36/48/96/120/180/360 V
Efficiency	>90%
<b>Protections</b>	
Overload	110%
Short Circuit	300%
Charging Current	10 A ± 1 A.
	Runs 1.5 Ton AC on 5 KVA

\* Specifications may change due to continuous R&D

**POWER PRODUCTS • LED LIGHTINGS • SOLAR SOLUTIONS • HOME APPLIANCES**

## TP IMPEX LIMITED

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