

daltron[®]
...power solutions



PURE SINEWAVE ONLINE DIGITAL INVERTER

FEATURES:

- Online Inverter System with DSP and PWM technology
- Pure Sine Wave waveform
- Ultra-fast Transfer time (Routers, Switches PC Servers and ATM will never re-start at Mains Failure)
- Faster Battery Recharge Time
- RS 232 for software control functions and SNMP remote monitoring options
- Battery Equalization System (for longer battery life)
- Protection against short-circuit, overload, over-charge, battery reverse polarity
- ISO9001, SONCAP certified
- No Noise
- Easy to install and operate
- low maintenance Cost
- Environment-Friendly
- LCD & LED Dual Display

One year Warranty*



~ Applications ~

Computer • Telecom • Deep Freezers • Air Conditioners • Petrol Pump Machines • Small Scale Industries
Malls • Hotels & Restaurants • Banks • Clinics • All Kitchen Appliances & Home Appliances • Weighing Bridges,
Elevators & ATM Machines

tp[®]



FEATURES AT A GLANCE

Daltron True power is the leader in high quality power backup and renewable energy solution for homes, offices and factories. The **PureSineWave** Online Inverters are highly reliable, rugged and safe **Electronic Power Generators** (e-Gen) designed for a wide variety of applications. Based on advanced DSP technology, the Inverters come in Single Phase (1:1) and Three Phase (3:3) options. These state-of-the-art Digital inverter systems provide pure, regulated power to your sensitive equipment and ensure the operational continuity of your home appliances, ICT equipment and Data Centre.

- DSP and PWM Technologies:** **Daltron-truepower** Inverters are based on the world's most advanced digital signal processing (DSP) and Pulse Width Modulation (PWM) technologies which guarantee pure and stable power output, the best power for your sensitive equipment
- Pure Sine Wave** output with constant voltage & Frequency.
- Sophisticated Inverter/UPS:** Safeguards your sophisticated electronic & electrical equipment.
- IBM Charging technology:** Intelligent Battery Management improves Power Factor up to 0.9 & cuts down your electricity bills
- Software Gateway:** Assess System Configuration (ASC Technology) verifies and monitors all critical system parameters at the time of start and during the running of the system.

Note.* Addon feature at extra cost.

- Inbuilt TDR*:** Time Delay Relay - Safeguards compressor equipped appliances during changeover period with a minimum time delay of 2.5 minutes.
- Peak Load-Peak Output (PLPO):** This special features 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. This optional device is recommended for large battery banks.
 - * **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 panel for continuous information about system status.
- ECAC Technology:** Error Correction Analogue Compare for Low THD - produces electricity just like your mains supply or better.
- Static UPS*:** Eliminates the chance of rebooting and restarting of sensitive equipments like Computer, Server ATM, DVD Player, Medical Equipments, etc. during changeover period.
- Generator Compatible:** The system is Generator compatible.
- SNMP*:** SNMP remote network monitoring option is available.
- Manufactured by ISO 9001:2000 Certified Company. SONCAP Certified.

Range

Capacity	Battery Voltage	Phase Input-Output
850 VA	12 V	1 Phase
1.5 KVA	24 V	1 Phase
3 KVA	48 to 180V	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 Phase
15 KVA	180/360 V	3 Phase
20 KVA	360 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

Note: Customised solutions also available.

Technical Specifications:

Model No.	0.8/1.5/3/5/6/7.5/10/15/20/30/40/50/60/100 KVA
Battery	12/24/48/96/120/180/360 V
Wave Form	Pure SineWave
Input AC Range	110 V - 300 V
Input DC	12/24/48/96/120/180/360 V
Efficiency	90%
Protections	
Overload	110%
Short Circuit	300%
Charging Current	10A - 25A.
Runs 1.5 ton AC on 5 KVA	



Channel Partner

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We reserve the right to change product specifications in line with technology advancement, without prior notice.