



ENERGY SAVER
Environment Friendly UPS Series



THE MOST ENVIRONMENT-FRIENDLY UPS

- ▶ Micro Controller based Intelligent Control Design for maximum energy efficiency.
- ▶ PWM Controlled multi-stage ATM (Auto Trickle Mode) Charging.
- ▶ Battery Slide Selection Switch for Local / Flat Plate / Tubular Batteries.

- ▶ High / Standard Charging & Mains Input Voltage Range Selection Switch.
- ▶ Smart Overload Sense and Short Circuit Protection.



ENERGY SAVING TRANSFORMER INSIDE
SAVE ENERGY | SAVE MONEY

TECHNICAL SPECIFICATIONS

| ADVANCED DIGITAL MODELS | | PURE SINEWAVE MODELS | |
|---------------------------------|---|---------------------------------|---|
| Input Voltage | Inv. Mode: 90V-300V UPS Mode: 180V-260V | Input Voltage | Inv. Mode: 100V-300V UPS Mode: 180V-260V |
| Output Voltage | Mains Mode: Same as Input UPS Mode: 200V ~ 230V ± 10% | Output Voltage | Mains Mode: Same as Input UPS Mode: 210V ± 10% |
| Output Frequency | UPS Mode: 50Hz ± 0.1Hz | Output Frequency | UPS Mode: 50Hz ± 0.1Hz |
| Switching | Automatic (from Mains to UPS & UPS to Mains) | Switching | Automatic (from Mains to UPS & UPS to Mains) |
| Output Waveform | Mains Mode: Same as Input UPS Mode: TPZi (Trape Zoidal Waveform) | Output Waveform | Mains Mode: Same as Input UPS Mode: PURE SINEWAVE |
| Battery Charging Current | Constant Charging approx. 10% of the rated Battery Current in AH | Battery Charging Current | Constant Charging approx. 10% of the rated Battery Current in AH |
| Charger | Constant Current, Constant Wattage | Charger | Power Factor Controller Boost Technology |
| Efficiency | > 84% | Efficiency | > 80% |
| UPS Overload | 110% | UPS Overload | 110% |
| UPS Short Circuit | 300% | UPS Short Circuit | 300% |
| UPS Transfer Time | ≤ 15msec. | UPS Transfer Time | ≤ 15msec. |
| Browns Out Mains Voltage | 100 ± 40V | Browns Out Mains Voltage | 100 ± 40V |
| Technology | Micro Controller Based Design | Technology | Micro Controller Based Design Intelligent Control design |
| Auto Reset Feature | Yes | Auto Reset Feature | Yes |
| Operating Temp. | 0°C ~ 45°C | Operating Temp. | 0°C ~ 45°C |
| Available Models | 825, 12V DG / 1025, 12V DG / 1225, 12V DG 1825, 24V DG | Available Models | 825, 12V SW / 1025, 12V SW / 1225, 12V SW 1825, 24V SW |

NOTE: *Power Factor may vary depending upon the Load. * Because of a policy of continuous product improvement, specifications are subject to change without notice.



INDUSTRY LOWEST WATT LOSS EI SCORE

Saves Electricity



ZERO POWER SWITCHING

Energy Saving While on Backup Mode



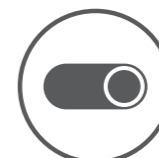
DIGI FUZZI LOGIC CHARGING

Energy Saving During Battery Charging



HIGH & STANDARD CHARGING OPTION

For Quick Battery Charging



UPS & INVERTER MODE

For Running IT & Home Load



COMPATIBLE WITH ALL BATTERY TYPES

Tubular, Local & Flat Plate



FAN/LIGHT



LED TV



LAPTOP



WIF-FI ROUTER