

ECO SERIES

On-Line UPS



- True On-line Double Conversion type UPS Systems
- IGBT technology design
- Pure Sinewave output
- Bypass provided
- Compact and well engineered architecture
- Neutral isolation design
- High input power factor >0.97
- Full bridge inverter
- Overload and output short circuit protection
- Wide input tolerance range
- Smooth and silent operation
- Fast correction rate for line and load regulation
- Compatible with the intelligent data protection package
- Easy to install, use and maintain
- Superior performance to price analysis



Specifications

Model Capacity	Eco01 1KVA (1000VA) (36V DC)	Eco03 3KVA (3000VA) (96V DC)
Input	Voltage Frequency Power factor	150V-275V 46 - 54 Hz >0.95 conforms to EN 60552
Output	Voltage Phase Regulation Frequency Power factor Waveform Distortion Crest factor Overload capacity Inverter Efficiency	220 VAC \pm 3% 1 phase 2W + G \pm 1% at linear load 50Hz \pm 0.5% 0.7 Pure sinewave less than 3% at full load 3:1 > 105% for 10 sec. >93%
Battery Built-in	Rating Recharge time	3x12V-7AH 4 - 8 hrs. 90% after fully discharge
Transfer Time	Bypass to UPS UPS to Bypass	No break <2ms
Indicator	Multi-function LED display LCD Display	Line, Inverter, Bypass, Fault, Battery Load level Output Frequency/Voltage, Input Frequency/Voltage Load percentage, Battery percentage (Optional)
Audible Alarm	1. AC Failure 2. Battery low 3. UPS Fault	Sounds every 4 seconds after line fails Sounds every second when approaches level Continuous alarm
Protection	Over/Under voltage at I/P Short circuit & Overload	Yes The UPS shuts down and will not transfer to the bypass when short circuit occurs on the output of the unit. After rectification of short circuit, the UPS operates normally again. At short condition, the Fault LED lights as a warning. Lighting: Yes Surge: Yes
Environment	Temperature Humidity Audible Noise	0°C to 40°C 0 to 95 % at non condensing <45 dB at 1 metre
Connection	Interface Port	RS-232 connector
Interface Software		Power Status, UPS Shutdown, Monitor UPS Status, UPS Self Test
Dimensions	HxWxD (mm)	220x145x405 330x195x455



ELECTRONIC ENTERPRISES

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