

Delta UPS-Amplon Family

E Series, Single Phase

1-3kVA

Mission-critical power you can trust

The Amplon E series is a true on-line, double-conversion UPS housed in a compact tower and recommended for workstations, POSs, ATMs and home appliance.

The Amplon E series is designed for long backup time applications with the addition of a battery source. An inbuilt high level charger shortens the recharging period and increase the availability.

Availability

- Double-conversion technology provides 24/7 full-time protection.
- Automatic input frequency (50 or 60 Hz) Auto-detection.
- AC-start and battery-start capabilities.
- Input voltage bears up to 330 Vac. Suitable for severe utility conditions.
- High charging capability increases availability.

Flexibility

- Suitable for long backup time applications with customized battery source.
- Optional external battery pack for longer backup time.
- Smart slot for mission critical applications.

Low Total Cost Of Ownership

- High input power factor (pf > 0.97) saves installation costs.
- Wide input voltage range and stable power supply extends battery lifetime.



Server



Network



Security



Medical



POS



Banking



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| Technical Specifications | | | | |
|--------------------------|------------------------------|---|------------|------------|
| Model | | E-1K | E-2K | E-3K |
| Power Rating | | 1kVA/700W | 2kVA/1400W | 3kVA/2100W |
| Input | Nominal Voltage | 230 Vac (single phase) | | |
| | Voltage Range | 80 ~ 280 Vac (full load) * | | |
| | Frequency | 40 - 70 Hz | | |
| | Power Factor | > 0.97 | | |
| | Electrical Connection | IEC320 C14 | IEC320 C20 | IEC320 C20 |
| | Voltage | 230 Vac (single phase) | | |
| Output | Voltage Regulation | ± 2% | | |
| | Frequency | 50 or 60 ± 0.05 Hz | | |
| | Transient Response | < 8% (10 ~ 90% linear load) | | |
| | Voltage Harmonic Distortion | ≤ 3% (linear load) | | |
| | Overload Capability | 105 ~ 125%: 3 minutes; 125 ~ 150%: 30 seconds; > 150%: ≥0.5 second | | |
| | Receptacle | India type 10A x 2 | | |
| Battery | Rating Voltage | 36 Vdc | 72 Vdc | 72 Vdc |
| | Charge Current | Built-in: 4A (adjustable) Extra charger (optional): 4A (external installation) | | |
| | Electrical Connection | Terminal block | | |
| Interface | Standard | RS232 x 1, Smart slot x 1 | | |
| Conformance | Safety & EMC | CISPR 22 Class A | | |
| Other Features | AC-start & Battery-start | Yes | | |
| | External Battery Pack | Optional | | |
| Efficiency | AC-AC | > 87% (full load) | | |
| Environment | Operating Temperature | 0 ~ 40°C | | |
| | Relative Humidity | 0 ~ 90% (non-condensing) | | |
| | Audible Noise (at one meter) | 45 dBA | 54 dBA | 54 dBA |
| Physical | Dimensions (WxDxH) | 140 x 362 x 267 mm | | |
| | Weight | 5 kg | 7 kg | 7 kg |

* Lower range 80 ~ 176 Vac is acceptable under 50 ~ 100% loading condition.
All specifications are subject to change without prior notice.



Friendly LED Display



1 kVA Rear View



2 and 3 kVA Rear View



Power Management Software



Delta offers full range UPS solutions from 600 VA to 4000 kVA to fulfill your power security needs.



2007~ 2008
Forbes Asia's
Fabulous 50



2009
Frost & Sullivan
Green Excellence
Award for Corporate
Leadership



ISO 9001:2008



OHSAS 18001:2007



ISO 14001:2004