

The power behind competitiveness

# 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



# Delta UPS–Amplon Family

## E Series, Single Phase 1-3kVA

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.



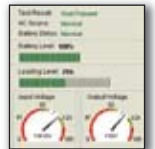
Friendly LED Display



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