

E series

Single phase 1-3KVA

Uninterruptible Power Supply

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

The 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 increases availability.



Series Comparison (1-3kVA)

E series	1-3kVA	Tower	Long backup up to 24hrs.
N series	1-3kVA	Tower	Battery inside to prevent blackout.
GAIA series	1-3kVA	Rack or Tower	Battery inside to prevent blackout.
R series	1-3kVA	Rack or Tower	Long backup up to 24hrs.

Availability

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

Flexibility

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

Lowest Total Cost Of Ownership

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



Server



Network



Security



Medical



POS



Banking

E series

Single phase 1-3KVA

Technical Specifications

Model		1KVA / 700W	2KVA / 1400W	3KVA / 2100W	
Input	Rating Voltage	V	230, single phase		
	Voltage Range	V	80~280 (Full load) *		
	Frequency	Hz	50 or 60 ± 5		
	Power Factor		≥ 0.97		
	Electrical Connection		IEC320 C14	IEC320 C20	
Output	Voltage	V	230, single phase		
	Voltage Regulation	%	± 2		
	Frequency	Hz	50 or 60 ± 0.05		
	Transient Response	%	< 8 (10% ~ 90% linear load)		
	Voltage Harmonic	%	≤ 3 (linear load)		
	Overload		<105% : Continuous ; 105~125% : 3 minutes 125~150% : 30 seconds ; >150% : 1 second		
	Receptacle		India type 10A x 2		
Battery	Rating Voltage	V	36	72	72
	Recharging Capability		Built-in : 4 Amp (Adjustable) Optional extra charger : 4 Amp (External installation)		
	Electrical Connection		Terminal Block		
Display	LED		Online, Bypass, On-battery, Overload, Battery low, Fault, Replace battery, Battery level, Loading level		
Interface	Standard		RS232 x 1, Smart Slot x 1		
	Optional Accessories		Mini SNMP card, Mini relay I/O control card, USB card, TVSS card		
Conformance	Safety		CE, EN62040-1-1		
	EMC		CISPR 22 ClassA		
Others	Battery-start		Yes		
	AC-start		Yes		
	Extended Battery Cabinet		Optional		
Overall	Efficiency (AC-AC)	%	> 87 (full load)		
	Temperature	°C	0 ~ 40		
	Humidity	%	0 ~ 90 (non-condensing)		
	Noise (at one meter)	dBA	40	54	
	Dimensions (WxDxH)	mm	140 x 362 x 267		
	Weight	kg	5	7	

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



Friendly LED Display



1kVA Rear View



2 and 3kVA Rear View



Power Management Software



Delta offers full-scale UPS solutions from 0.6kVA to 4000kVA to fulfill all your power security needs.

