

The power behind competitiveness

Delta UPS—Amplon Family

R Series, Single Phase

1/2/3 kVA

Reliability for the most critical moments

The Amplon R series is a true on-line, double-conversion UPS that protects devices from potential power problems such as spikes, surges and brownouts. It is available in either a rack or tower configuration and is recommended for servers, VoIP, telecommunications and networking. The Amplon R series is designed for long backup time applications with the addition of a customized battery source.

The inbuilt high level charger shortens the recharging period and increases availability.

Availability

- Double-conversion technology provides 24/7 full-time protection.
- Automatic input frequency detection.
- Additional charger board can be added to reduce recharging time.
- AC-start and battery-start capabilities.
- Rail kit is included in the package.

Flexibility

- Rack or tower configuration in 2U size cabinet.
- Fulfill long backup time demand for mission critical applications.
- Remote management over network via software.

Low Total Cost Of Ownership

- High input power factor (pf > 0.97) saves installation cost.
- Wide input voltage range reduces battery discharging occurrence and prolongs battery lifetime.



Server



Telecom



Industrial



Network



VoIP



Storage



Medical



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1/2/3 kVA

Technical Specifications				
Model		R-1K	R-2K	R-3K
Power Rating		1kVA/700W	2kVA/1400W	3kVA/2100W
Input	Nominal Voltage	220/230/240 Vac (single phase)		
	Voltage Range	80 ~ 280 Vac *		
	Frequency	40 - 70 Hz		
	Power Factor	> 0.97		
	Electrical Connection	Power cord (IEC320 C14)	Power cord (IEC320 C20)	Power cord (IEC320 C20)
Output	Voltage	220/230/240 Vac (single phase)		
	Voltage Regulation	± 2%		
	Voltage Harmonic Distortion	< 3% (linear load)		
	Frequency	50 ± 0.05 Hz		
	Wave Form	Pure sine wave		
	Overload Capability	105 ~ 125%: 3 minutes; 125 ~ 150%: 30 seconds; > 150%: 1 second		
	Receptacle	IEC320 C13 x 4	IEC320 C13 x 8 IEC320 C19 x 1	IEC320 C13 x 8 IEC320 C19 x 1
Battery & Charger	Nominal Voltage	36 Vdc	72 Vdc	72 Vdc
	Charge Current	Built-in: max. 5A	Built-in: max. 4.5A	Built-in: max. 4.5A
	Electrical Connection	Exclusive cable		
Interface	Standard	RS232 x 1, SNMP slot x 1		
Conformance	Safety & EMC	CE, EN62040-1 ; CISPR 22 Class A		
Other Features	Rail Kit	Included		
	Tower Stand Kit	Optional		
	Data Line Protector	Optional		
Efficiency	AC-AC	> 87% (full load)		
Environment	Operating Temperature	0 ~ 40°C		
	Relative Humidity	5 ~ 95% (non-condensing)		
	Audible Noise (at one meter)	46 dBA	47 dBA	55 dBA
Physical	Dimensions (WxDxH)	440 x 450 x 89 mm	440 x 450 x 89 mm	440 x 450 x 89 mm
	Weight	6.7 kg	9.2 kg	9.2 kg

* Lower range 80 ~ 175 Vac is acceptable under 50 ~ 100% loading condition.
All specifications are subject to change without prior notice.



Friendly LED Display



1 kVA Rear View



2/3 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



Delta's Manufacturing System is Certified by ISO 9001 and ISO 14001 Standards



IECQ Certificate of Hazardous Substance Process Management

