

AmplOn R Series

Single Phase 1-3 kVA

Uninterruptible Power Supply

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.



Series Comparison (1-3 kVA)

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

Availability

- Double-conversion technology. Provides 24/7 full-time protection.
- Automatic input frequency (50 or 60 Hz) detection.
- AC-start and battery-start capabilities.
- Rail kit is included in the package.

Flexibility

- Rack or tower configuration in 2U size cabinets.
- Suitable for long backup time applications with customized battery source.
- Additional charger installs inside the UPS to reduce recharging time.

Low Total Cost Of Ownership

- High input power factor ($pf > 0.99$). Saves on installation costs.
- Wide input voltage range and stable power supply extends battery life.



Server



Network



Storage



VoIP



Telecom



Industrial



Medical



Rack/Tower Configuration



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Single Phase 1-3 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	50 or 60 ± 5 Hz		
	Power Factor	≥ 0.99		
	Electrical Connection	Power cord (IEC320 C14)	Power cord (IEC320 C20)	
Output	Voltage	220/230/240 Vac (single phase)		
	Voltage Regulation	± 2%		
	Voltage Harmonic Distortion	≤ 3% (linear load)		
	Frequency	50 or 60 ± 0.05 Hz		
	Wave Form	Pure sine wave		
	Transient Response	< 8% (10 ~ 90% linear load)		
	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	
Battery & Charger	Nominal Voltage	36 Vdc	72 Vdc	
	Charge Current	Built-in: max. 4.5A	Built-in: max. 4A (adjustable)	
		Extra charger (optional): max. 4A (internal installation)		
	Electrical Connection	Cable		
Display	LED	Online, Bypass, On-battery, Overload, Battery low, Fault, Replace battery, Battery level, Loading level		
Interface	Standard	RS232 x 1, SNMP slot x 1		
	Management Peripherals	SNMP card, Modbus card, Relay I/O control card, EnviroProbe, SNMP + 5 ports		
Conformance	Safety	CE, EN62040-1-1		
	EMC	CISPR 22 Class A		
Others	Battery-Start	Yes		
	Rail Kit	Included		
	Tower Stand Kit	Optional		
	Data Line Protector	Optional		
Overall	Efficiency (AC-AC)	> 87% (full load)		
	Temperature	0 ~ 40°C		
	Relative Humidity	5 ~ 95% (non-condensing)		
	Audible Noise (at one meter)	46 dBA	47 dBA	55 dBA
	Dimensions (WxDxH)	440 x 450 x 89 mm		
	Weight	6.7 kg	9.2 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



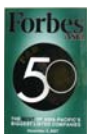
1 kVA Rear View



2-3 kVA Rear View



Power Management Software



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



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

