

## RS-RT Series On-line UPS

The RS-RT series on-line double conversion UPS with full-time digital single processor control technology is the cost-effective solution for mission critical user who demand high reliability and performance from a UPS.

- Output Power Factor 0.7
- True On-line Double Conversion Topology
- Advanced Digital Control Technology
- Wide Range Input Window from 110~300Vac
- Active Harmonic Current Control
- Multi-Mode Operation
- Smart Cooling Fan Design
- Programmable Receptacles (Option)
- Remote Emergency Power Off (Option)
- Personalization & Intelligent Self-diagnostic
- Easily Program Upgrade



RS-RT Series  
On-line UPS

Model		RS-RT 1000	RS-RT 2000	RS-RT 3000
Input	Phase	Single + G		
	Voltage**	55~150Vac or 110~300Vac		
	Frequency	45~65Hz(Auto sensing)		
	Power Factor	≥0.99 @ Full Load		
Output	Capacity	1000VA/700W	2000VA/1400W	3000VA/2100W
	Voltage	110/115/120/127Vac or 220/230/240 Vac		
	Power Factor***	0.7		
	Harmonic Distortion	≤3% @ 100% Linear load		
		≤7% @ 100% non-linear load		
	Voltage Regulation	±1%		
	Frequency (Synchronized Range)	±1Hz or ±3Hz (Selectable)		
	Crest Factor	3:1		
Waveform	Pure Sine Wave			
Efficiency	Line Mode	Up to 92%		
	High Efficiency Mode	Up to 96%		
Battery	Type & Number	12V / 7AH or 9AH 2pcs	12V / 7AH or 9AH 4pcs	12V / 7AH or 9AH 6pcs
	Recharge Time (to 90%)	4 hours	4 hours	4 hours
Display	LED (Standard)	Normal, Battery, Bypass, Programmable Outlet 1, Programmable Outlet 2, Self-Test, Battery Weak & Bad, Site Wiring Fault, Fault, Overload, and Load/Battery Level		
	LCD (Option)			
	Self-Diagnostics	Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check		
Alarm	Audible or Visual	Line Failure / Battery Low / Transfer to Bypass / System Fault		
Protection	Full Protection	Overload, Over temperature, Short circuit, Discharge, Overcharge		
Function	Multi-Mode	Normal/ ECO/ CVCF		
	DC start	Yes		
	Programmable Outlet (Option)	Yes		
Physical****	Dimensions (WxHxD, mm)	440x88x390	440x88x475	440x88x600
	Net Weight	12.0 kg	17.0 kg	26.5 kg
Environmental	Operation Temperature	0- 40°C		
	Operation Humidity	0-95 % (Without condensing)		
	Altitude	1000m/3300ft without Derating		
	Noise Level	≤45dBA		
Interface	Standard	RS-232		
	Option	EPO, 2nd RS232, USB, RS485, Dry Contact Relay, SNMP/WEB Card		
	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.		
Standards and Certifications****	Safety	EN62040-1, UL1778		
	EMC	EN62040-2, EN61000-3-2, EN61000-3-3, FCC Class A		
	Marks	CE, UL, cUL, FCC		

\* Specifications subject to change without notice, and the final explanation rights are reserved by AblereX

\*\* Depending on load percentage

\*\*\* Depending on battery application

\*\*\*\* Depending on the model and voltage, more information please contact with AblereX

### Battery Bank Specifications

Title	Contents	1KVA		2KVA		3KVA	
Battery	Rated Battery Voltage	24	36	48	72	72	96
	Number of batteries	8	12	8	12	12	8
	Battery type	12V / 7Ah or 9Ah (Sealed, non-spillage, maintenance-free, lead acid)					
Connector	N/A	Anderson					
Physical	Dimensions	440x88x655 / 17.3x3.5x25.9					
	((WxHxD in mm))	2U high	440x176x410 / 17.3x6.9x16.2				
		4U high					

