

Ablerex EVO-RT Series On-line UPS

Evolution meet Power Solutions

EVO-RT 1000VA ~ 10,000VA

The Ablerex EVO-RT Series is an on-line double conversion rack tower convertible UPS, density optimized (up to 10,000VA) powered system. Structural evolution improve efficiency up to 90% while reducing energy cost.

The EVO-RT Series can be easily integrated into a wide variety of IT environments with advanced power management capability. And, with one of the best price/performance ratios, this UPS offers a low total cost of ownership.



- Rack/Tower Convertible Design
- True On-line Double Conversion Technology
- Advanced Digital Control Technology
- Wide Input Voltage/Frequency Window
- 0.9 Output Power Factor
- Active Harmonic Current Control
- LCD Mimic Display Panel
- Smart ECO mode
- Patent Backup Runtime Estimation
- Optional Interface Slot for Communication Flexibility

Technical Specification		EVO-RT 1000	EVO-RT 2000	EVO-RT 3000	EVO-RT 6000	EVO-RT 10000
Input	Voltage	110Vac~300Vac**				
	Frequency	45Hz~65Hz				
	Phase	Single Phase with Ground				
Output	Capacity	1000VA/ 900W	2000VA/ 1800W	3000VA/ 2700W	6000VA/ 5400W	10000VA/ 9000W
	Voltage	200/208/220/230/240				
	Frequency	3Hz or 1Hz (selectable)				
	Harmonic Distortion	<3% (at full linear load)				
	Current Crest Factor	3:1				
	Transfer Time (AC to DC)	0 ms				
	Efficiency	92%			93%	94%
	Waveform	Pure Sine Wave				
Battery	Number of Batteries	2pcs	4pcs	6pcs	External Battery Module - 20pcs	
	Type & Capacity	Sealed Lead Acid Maintenance Free, 12V/7AH or 12V/9AH upon request				
	Rated Battery Voltage	24Vdc	48Vdc	72Vdc	External Battery Module – 240Vdc	
	External Battery Application	Yes				
Display	LCD	Input Voltage / Input Frequency / Output Voltage / Output Frequency / Load Percentage / Battery Voltage / Temperature				
Alarms	Audible and Visual	Line Failure, Battery Low, Transfer to Bypass, System Fault Conditions				
Protection	Overload Capacity	105% continuous, 120% for 30sec., 150% for 10sec.				
	Full Protection	Overload, Over Temperature, Short Circuit, Discharge, Overcharge				
Special Features	DC Start	Yes				
	Parallel Function	Not Supported			Yes, with optional external parallel box (consult Ablerex)	
Physical	Dimension, W x D x H (mm)	440 x 390 x 88 (2U)	440 x 475 x 88 (2U)	440 x 600 x 88 (2U)	440 x 680 x 88 (2U)	440 x 680 x 132 (3U)
	Weight (kg)	12	17	27	24	45
	Outlets***	1x Universal + 2x IEC-C13	1x Universal + 3x IEC-C13	1x Universal + 3x IEC-C13	Terminal Type	
Interface	Communication Port	Standard: USB & RS232				
	Options Slot	Dry Contact, SNMP/Web Card, RS485, EPO				
Standards & Certifications	Safety & EMC	IEC/EN 62040-1, IEC/EN 62040-2				
	Markings	CE				

External Battery Cabinet Specification	Model Number	BC08024X	BC08048X	BC12072X	BC20N3U0X	
	Used w/ UPS model	EVO-RT 1000	EVO-RT 2000	EVO-RT 3000	EVO-RT 6000	EVO-RT 10000
	Battery Quantity	Max. 8 blocks	Max. 8 blocks	Max. 12 blocks	Max. 20 blocks	
	Battery Type & Capacity	Sealed Lead Acid Maintenance Free, 12V/7AH or 12V/9AH				
	Dimension, W x D x H (mm)	440 x 650 x 88 (2U)			440 x 680 x 132 (3U)	

*Specifications subject to change without notice.

**Based on load percentage

***Other sockets configuration are available upon request

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Designed &
Engineered by:

