Ares RT Series
DSP-Controlled On-Line UPS

ARES RT (RS-RT) 1000VA~3000VA

- ■ True On-line Double Conversion Topology
- ■ Advanced DSP Control Technology
- ■ 0.9 Output Power Factor
- ■ Rack/Tower Design
- ■ Wide Input Voltage Range
- ■ Active Harmonic Current Control
- ■ LCD/LED Display
- ■ Multiple Operation Mode Supported
- ■ Remote Emergency Power Off (REPO)
- ■ Programmable Outlets
- ■ Easy Firmware Flash Upgrade

■ ARES RT 1000VA

■ ARES RT 2000VA & ARES RT 3000VA

Specifications

Model		ARES RT 1000	ARES RT 2000	ARES RT 3000
Input	Phase	Single + G		
	Voltage Range**	110~300Vac		
	Frequency Range	45~55Hz / 55~65Hz (Auto sensing)		
	Input Power Factor	≧ 0.99 @ Full Load		
Output	Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W
	Output Voltage	208/220/230/240 Vac		
	Output Power Factor***	0.9		
	Output Voltage Distortion	≦3% @ 100% Linear load	≦7% @ 100% non-linear load	
	Output Voltage Regulation	±1%		
	Frequency Range	±1Hz or ±3Hz (Selectable)		
	Crest Factor	3:1		
	Output Waveform	Pure Sine Wave		
Efficiency	Line Mode	Up to 92%		
	ECO Mode	Up to 96.5%		
Battery	Battery Type	Sealed Lead Acid Maintenance Free 12Vdc		
	Battery Number	2	4	6
	Battery Voltage	24	48	72
	Recharge Time (to 90%)	4 hours		
Display	LED	Load Level/Battery Level/ Battery Mode / Normal Mode/Bypass Mode/ Self-Test/ Weak/Bad Battery/Site Wiring Fault/ Fault/ Overload Output status/Programmable Outlet1/ Programmable Outlet2		
	LCD measures	Volatge / Frequency / Load level / Battery level		
	Self-Diagnostics	Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check		
Alarms	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		
Physical	Dimensions (WxHxD, mm/inch)	440x88x390 17.3x3.5x15.4	440x88x475 17.3x3.5x17.8	440x88x600 17.3x3.5x23.7
	Net Weight (kgs/lbs)	12/26.4	17/37.4	26.5/58.4
Environmental	Operation Temperature	0~40°C / 32~104°F		
	Operation Humidity	20%~95%RH (Without condensing)		
	Altitude	1000m/3280ft without Derating		
	Noise Level	≦50dBA @ 1 meter front		
Interface	Standard	RS-232		
	Option	EPO, USB, Dry Contact Relay, SNMP/WEB Card		
	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.		
Standards and Certifications**	Safety	EN62040-1		
	EMC	EN62040-2, EN61000-3-2, EN61000-3-3		
	Marks	CE		

Battery Bank Specification

Contents	BC08024X	BC08048X	BC12072X
Rated Battery Voltage	24	48	72
Number of batteries	8	8	12
Battery type	Lead Acid Maintenance Free 12V 7Ah/9Ah		
Dimensions (WxHxD in mm/inch)	440x88x650 / 17.3x3.5x25.6		
Charging Capability	Optional Universal 200W Charger		

* Specifications subject to change without notice.
** Based on load percentage
*** Depending on the model and voltage, more informaion please contact with Ablerex
**** The same technical specification products could be sold as different model names in different countries, please consult Ablerex for more information.