

ARES RT Series On-line UPS

Model	ARES RT 1K **		ARES RT 1K**		ARES RT 2K		ARES RT 2K		ARES RT 3K		ARES RT 3K	
Input	Phase	Single + G										
	Voltage **	160~275Vac at full load										
	Frequency	45~65Hz(Auto sensing)										
	Power Factor	≥0.99 @ Full Load										
Output	Capacity	1000VA/900W			2000VA/1800W			3000VA/2700W				
	Voltage	220/230/240 Vac										
	Power Factor	0.9										
	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/9Ah x (2 or 3)	Depending on the capacity of external battery	12V/7Ah x (4 or 6)	Depending on the capacity of external battery	12V/7Ah x (6 or 8)	Depending on the capacity of external battery					
	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/inch)	440x88x390 / 17.3x3.5x15.4			4 pcs: 440x88x475 / 17.3x3.5x17.8 6 pcs:440x88x600 / 17.3x3.5x23.7			440x88x600 / 17.3x3.5x23.7				
	Net Weight (kgs/lbs)	2 pcs: 12/26.4 3 pcs: 14.5/31.9	9.5/20.9	4 pcs: 17/37.4 6 pcs: 21.5/47.4	12/26.4	6 pcs: 26.5/58.4 8 pcs: 31/68.3	15.5/34.1					
Environmental	Operation Temperature	0- 40°C										
	Operation Humidity	0-95 % (Without condensing)										
	Altitude	1000m/3300ft without Derating										
	Noise Level	≤45dBA (At one meter)										
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

** ARES RT 1K is available 2pcs Schuko socket, more rear panel option please contact with AblereX

ARES RT 2K / 3K depending on load percentage

*** 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	2U high	440x88x655 / 17.3x3.5x25.9				
	((WxHxD in mm))	4U high	440x176x410 / 17.3x6.9x16.2				

