

# Amberwave ARES RT

THE BEST ONLINE PROTECTION  
FOR ALL TYPES OF IT CABINETS

1000VA ~ 3000VA



## Perfect for



Office



IT



Servers



Telecom



Healthcare



Industry

## Features

- Online double conversion
- Wide input voltage range to improve battery life
- Convertible rack/tower with rotating LCD
- Power Factor 0.9
- Battery autonomy on display based on battery capacity and quantity
- Simplified service: same spare parts of tower model
- Programmable outlets
- EPO, USB, Communications Slot and RS232 port
- Battery deep discharge protection

## Options

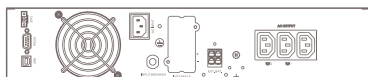
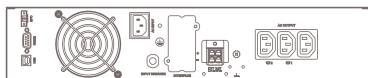
- USB card, RS485 card, dry contact relay card, SNMP/web card
- Extra RS232 card
- External battery cabinet
- External bypass switch
- Different outlets
- LED interface

# Specification

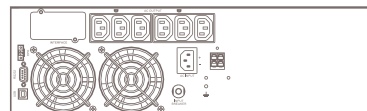
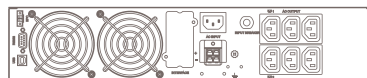
Model	AR1000RT PLUS	AR2000RT PLUS	AR3000RT PLUS		
<b>Inputs</b>	Phase	Single phase			
	Voltage Range*	110~300Vac			
	Frequency Range	45~66Hz (Auto sensing)			
	Power Factor	>0.99 @ 100% linear load			
<b>Output</b>	Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W	
	Voltage	200/208/220/230/240 Vac			
	Power Factor	0.9			
	THDv	<3% @ 100% Linear load <7% @ 100% non-linear load			
	Voltage regulation	1%			
	Frequency range	±1Hz or ±3Hz (selectable)			
	Crest factor	3:1			
	Output waveform	Pure sinewave			
	Output outlets	3x IEC C13	6x IEC C13	6x IEC C13 + 1x IEC C19	
	<b>Efficiency</b>	Online Mode	Up to 91%		
ECO Mode		Up to 97%			
<b>Physical</b>	Dimensions (W x H x D, mm)	440x88x405	440x88x600	440x88x600	
	Net Weight (kg)	11.7	21.8	24,6	
<b>AC outlets</b>		Standard: 3xIEC C13 Optional: up to 7xIEC C13 & 4xCEE 7/3 (Schuko)	Standard: 6xIEC C13 Optional: up to 10xIEC C13 & 4xCEE 7/3 (Schuko)	Standard: 6xIEC C13 & 1xIEC C19 Optional: up to 10xIEC C13 1xIEC C19 &4xCEE 7/3 (Schuko)	
	Number	3	6	6	
<b>Battery</b>	Voltage	36	72	72	
	Autonomy time at 100% (min)	6	6	6	
	Autonomy time at 70% (min)	8	8	8	
	Type	Sealed maintenance free lead acid 12Vdc			
	Recharge Time (to 90%)	4 hours			
	Empty Battery Bank	Code	BC060000-0000	BC120000-0000	
		Max. Quantities	6	12	
		Dimensions (WxHxD, mm)	440x88x430	440x88x581	
	<b>Display</b>	LCD measures	Voltage/Frequency/Load level/Battery level/Output current/Estimated		
		Self-Diagnostics	Upon power-on, front panel setting & software control, 24-hour routine checking		
<b>Alarm</b>	Audible or visual	Line failure/Battery low/Transfer to bypass/System fault			
<b>Protection</b>	Full Protection	Overload, over temperature, short circuit, discharge, overcharge			
<b>Environmental</b>	Operation Temperature	0~40°C			
	Operation Humidity	0%~90% (without condensing)			
	Altitude	1000m without derating			
	Noise Level	≤50dBA @ 1 meter front			
<b>Interface</b>	Type	RS232, EPO, USB and Comm. Slot			
	Communication slots	Dry contact card, SNMP/Web card, RS485 card			
	Compatible platforms	Microsoft Windows series, Linux, Mac			
<b>Standards and Certifications</b>	Safety & EMC	IEC EN 62040-1, IEC EN 62040-2			
	Performance	IEC EN 62040-3			
	Marks	CE			

\* Based on load percentage.

AMB AR1000RT PLUS



AMB AR2000RT PLUS



AMB AR3000RT PLUS

