

Amberwave RT PRO series

THE BEST COMPLETE ONLINE PROTECTION FOR ALL TYPES OF IT CABINETS

RT PRO is the best complete ready to use solution that includes everything you need. Thanks to the included top-level SNMP adapter, PDU and rack rail mounting kit it is perfect for medium voltage substations applications without a need to add additional options.

1000VA ~ 3000VA



Perfect for



Office



IT



Servers



Telecom



Healthcare



Industry

Features

- Online double conversion
- Line interactive operation in High Efficiency Mode
- Wide input voltage range
- Convertible rack/tower with rotating LCD
- Power Factor 0.9
- Energy metering
- Battery autonomy on display based on battery capacity and quantity
- Simplified service
- Programmable outlets
- EPO, USB, Communications Slot and RS232 port
- Battery deep discharge protection
- SNMP adapter
- 8xIEC C13 PDU

Options

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

Specification

Model		AMB RT1000 PRO	AMB RT2000 PRO	AMB RT3000 PRO
Inputs	Phase		110~300Vac	
	Voltage Range*		45~66Hz (Auto sensing)	
	Frequency Range		Single Phase	
	Power Factor		>0.99 @ 100% linear load	
Output	Voltage	1000VA/900W	2000VA/1800W	3000VA/2700W
	Power factor		200/208/220/230/240 Vac	
	THDv		0.9	
	Voltage regulation		<3% @ 100% Linear load <7% @ 100% non-linear load	
	Frequency range		1%	
	Crest factor		±1Hz or ±3Hz (selectable)	
	Output waveform		3:1	
	Output waveform		Pure sinewave	
Efficiency	Online Mode		Up to 94%	
	ECO Mode		Up to 98%	
Physical	Dimensions (WxHxD, mm)	440x88x405	440x88x600	440x88x600
	Net Weight (kg)	11.7	21.8	24,6
AC outlets		Standard: 3xIEC C13 Optional: up to 8xIEC C13 &4xC EE 7/3 (Schuko)	Standard: 6xIEC C13 Optional: up to 10xIEC C13 &4xC EE 7/3 (Schuko)	Standard: 6xIEC C13 & 1xIEC C19 Optional: up to 10xIEC C13 1xIEC C19 &4xC EE 7/3 (Schuko)
	Battery	Number	3	6
	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	12
	Dimensions (WxHxD, mm)	440x88x430	440x88x581	
Display	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		
Alarm	Audible or visual	Line failure/Battery low/Transfer to bypass/System fault		
Protection	Full Protection	Overload, over temperature, short circuit, discharge, overcharge		
Environmental	Operation Temperature	0~40°C		
	Operation Humidity	0%~90% (without condensing)		
	Altitude	1000m without derating		
	Noise Level	≤50dBA @ 1 meter front		
Interface	Type	RS232, EPO, USB and Comm. Slot		
	Communication slots	Dry contact card, SNMP/Web card, RS485 card		
	Compatible platforms	Microsoft Windows series, Linux, Mac		
Standards and Certifications	Safety & EMC	IEC EN 62040-1, IEC EN 62040-2		
	Performance	IEC EN 62040-3		
	Marks	CE		

* Based on load percentage.

