Amberwave Tower PRO series

THE COMPLETE SOLUTION

TOWER PRO has the most included features and accessories you can find.
Designed to perfect all-in-one solution that has everything you need.
Thanks to the included top-level SNMP adapter and PDU
it is perfect for medium voltage substations applications
without need to add additional options.

1000VA ~ 3000VA

Perfect for

IT | Servers | Telecom | Healthcare | Home

Features

- Online double conversion VFI protection from 1000VA to 3000VA
- Line interactive operation in High Efficiency Mode
- Battery discharge level control
- Precise patented backup time estimation
- Energy metering
- Cold start to activate loads without mains
- Strong overload capability
- Manually activated extra service check
- Firmware upgradable for updates and customization
- Remote EPO and On/Off functions
- RS232 and USB port, communications slot
- CEI 0-16 compliant
- SNMP adapter
- 8xIEC C13 PDU

Options

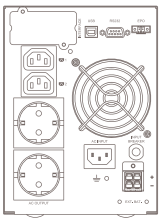
- USB card, RS485 card, dry contact relay card, professional SNMP/web card
- Extra RS232 card
- External battery cabinet

Specification

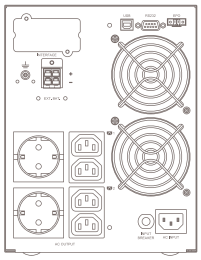
Model			AMB T1000 PRO	AMB T2000 PRO	AMB T3000 PRO
Inputs	Phase			Single phase	
	Voltage Range*			110~300Vac	
	Frequency Range			44~66Hz (Auto sensing)	
	Input Power Factor			>0.99 @ 100% linear load	
Output	Capacity		1000VA/900W	2000VA/1800W	3000VA/2700W
	Output Voltage			220/208/220/230/240 Vac	
	Output 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 SineWave	
Efficiency	Online Mode			Up to 94%	
	High Efficiency Mode			Up to 98%	
Physical	Dimensions (W x H x D, mm)		154x211x382.4	192x250x470	192x319.9x486
	Net Weight (kg)		11.6	22.2	29.8
AC outlets			Standard: 2xIEC C13 &2xCEE 7/3 (Schuko) Optional: up to 8xIEC C13 &6xCEE 7/3 (Schuko)	Standard: 4xIEC C13 & 2xCEE 7/3 (Schuko) Optional: up to 8xIEC C13 & 6xCEE 7/3 (Schuko)	Standard: 6xIEC C13, 1xIEC C19& 2xCEE 7/3 (Schuko) Optional: up to 10xIEC C13 1xIEC C19 & 6xCEE 7/3 (Schuko)
Battery	Capacity			12Vdc/9AH	
	Battery Number		3	6	6
	Battery Voltage		36	72	72
	Autonomy time at 100% (min)		6	6	6
	Autonomy time at 70% (min)		8	8	8
	Recharge Time (to 90%)			4 hours	
	Battery Bank	Code	BT060367-0000	BT120727-0000	
		Number of batteries	6	12	
		Battery type	Lead acid maintenance free 12V 9Ah		
		Dimensions (WxHxD, mm)	154 x 258.2 x 403.6	192 x 319.9 x 552.8	
Display	LCD measures			Voltage/Frequency/Load level/Battery voltage/ Output current/Estimated back-up time/ Temperature	
	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, deep discharge, overcharge	
Function	Multi-Mode			Normal/ECO/CVCF	
	DC start			Yes	
Environmental	Operation Temperature			0~40°C	
	Operation Humidity			0%~90% (without condensing)	
	Altitude			1000m without derating	
	Noise Level			≤ 50dBA @ 1 meter front	
Interface	Standard			RS-232, EPO, USB, Comm. Slot, SNMP/Web card, PDU	
	Option			Dry contact card, professional SNMP/Web card, RS485	
	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.

AMB T1000 PRO



AMB T2000 PRO



AMB T3000 PRO