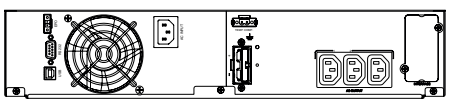
AR PRO Tower - AR PRO RT

AR PRO RT TECHNICAL DATA SHEET

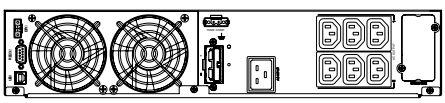
MODEL			AR1000 PRO RT	AR2000 PRO RT	AR3000 PRO RT
POWER	VA		1000	2000	3000
	W		1000	2000	3000
INPUT	Rated voltage*		110 – 300 Vac		
	Frequency		44 – 66 Hz		
	Power factor		>0.99		
OUTPUT	Rated voltage		200/208/220/230/240 Vac		
	Voltage distortion		<3% with linear load, <7% with distorting load		
	Voltage stability		±1%		
	Frequency		50/60 Hz (selectable)		
	Frequency stability		±1 Hz or ±3 Hz (selectable)		
	Power factor		1.0		
	Crest factor		3:1		
	Waveform		Pure sine wave		
	Output sockets		3 x IEC C13	6 x IEC C13	6 x IEC C13 1 x IEC C19
EFFICIENCY	VFI mode		Up to 93%		
	ECO mode		Up to 98%		
GENERAL	Dimensions (WxDxH) mm		440x454x88 (2U)	440x640x88 (2U)	440x640x88 (2U)
	Weight (kg)		15.8	24.4	27
	Alarms		Alarms Audible and visual alarm alerts for: power failure, low battery, bypass transfer, and UPS fault.		
	Protection		Overload, overheating, short circuit, deep discharge, battery overcharging.		
	Operating mode		Multi-mode: VFI, ECO, Constant voltage constant frequency (CVCF) output.		
	Cold start from the battery without mains power		Included		
BATTERY	Battery type		12V VRLA, AGM (maintenance-free lead)		
	Number per string		3	6	
	Uptime with internal battery in minutes	50% load	10	11	9
		100% load	3	3	2
	Charging time (90%)		5 hours		
	Battery expansion module dimensions (WxDxH) mm **		440x454x88(2U)	440x640x88 (2U)	
ENVIRONMENTAL PARAMETERS	Operating temperature***		0 – 40°C		
	Relative humidity		0% – 95% (without condensing)		
	Altitude (a.s.l.)		<1000 m with no power derating, >1000 m with 1% derating for every 100 m.		
	Audible noise at 1 m.		≤50 dBA		
CONNECTIVITY	Built-in communication ports		USB, RS232, EPO and additional slots for optional cards		
	User interface		LED, LCD and function keys (parameters: voltage, frequency, load percentage, battery voltage, output voltage, estimated uptime, UPS temperature).		
	Optional accessories		Cards: SNMP, RS485 ModBus, and dry contact relays		
	Compatible software platforms		Microsoft Windows, Linux, Mac OS, VMware		
REGULATIONS	Standards		IEC EN 62040-1, IEC EN 62040-2, IEC EN 62040-3		
	Marking		CE, UKCA		

* Depending on the load ** Battery weight and configuration depends on the required uptime *** To be verified according to the battery parameters

AR1000 PRO RT



AR2000 PRO RT



AR3000 PRO RT

