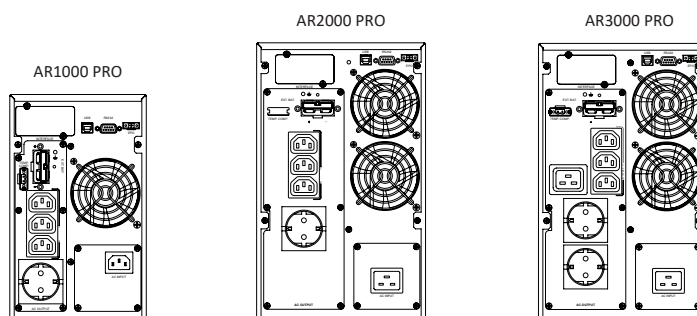


AR PRO Tower - AR PRO RT

AR PRO TOWER TECHNICAL DATA SHEET

MODEL		AR1000 PRO	AR2000 PRO	AR3000 PRO	
POWER	VA	1000	2000	3000	
	W	1000	2000	3000	
INPUT	Rated voltage*	110 – 300 Vac			
	Frequency	44 – 70 Hz			
	Power factor	>0.99			
OUTPUT	Rated voltage	200/208/220/230/240 Vac			
	Voltage distortion	<2% with linear load I, <3.5% with distorting load			
	Voltage stability	±1%			
	Frequency	50/60 Hz (selectable)			
	Frequency stability	±1 Hz or ±3 Hz (selectable)			
	Power factor	1			
	Crest factor	3:1			
	Waveform	Pure sine wave			
	Output sockets	3 x IEC C13 1 Schuko	3 x IEC C13 1 Schuko	3 x IEC C13 1 x IEC C19 2 Schuko	
EFFICIENCY	VFI mode	Up to 93%			
	ECO mode	Up to 98%			
GENERAL	Dimensions (WxDxH) mm	154x445x258.2	192x620x319.9	192x620x319.9	
	Weight (kg)	14.7	24.1	26.3	
	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%)	4 – 6 hours			
Battery expansion module dimensions (WxDxH) mm **	154x403.6x258.2	192x552.8x319.9			
ENVIRONMENTAL PARAMETERS	Operating temperature***	0 – 40°C			
	Relative humidity	0% – 90% (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	LCD and function keys (parameters: voltage, frequency, percentage load, battery voltage, output voltage, estimated uptime, UPS temperature).			
	Optional accessories	Cards: SNMP, RS485 ModBus and dry relay contacts			
	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



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

