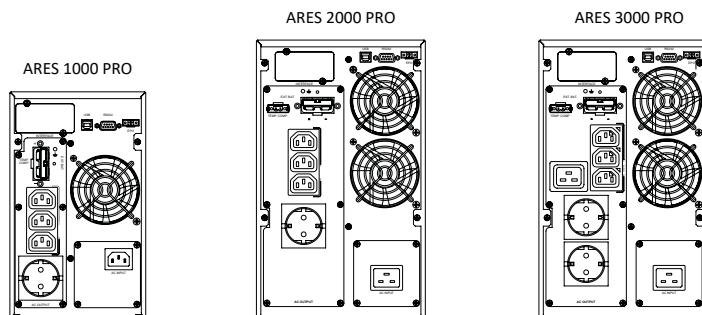


ARES PRO - ARES PRO RT

ARES PRO TECHNICAL DATA SHEET

MODEL	ARES 1000 PRO	ARES 2000 PRO	ARES 3000 PRO			
POWER	VA	1000	2000			
	W	1000	2000			
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 locked 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		
		100% load	3	3		
	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



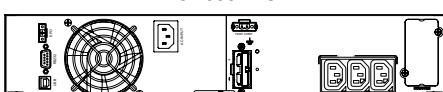
ARES PRO - ARES PRO RT

ARES PRO RT TECHNICAL DATA SHEET

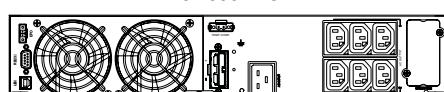
MODEL		ARES 1000 PRO RT	ARES 2000 PRO RT	ARES 3000 PRO RT
POWER	VA	1000	2000	3000
	W	1000	2000	3000
INPUT	Rated voltage*	110 – 300 Vac		
	Frequency	44 – 66 Hz		
	Power factor	>0.99		
OUTPUT	Rated voltage	200/208/220/230/240 Vac		
	Voltage distortion	<3% with linear load, <7% with distorting load		
	Voltage 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 locked 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 type	12V VRLA, AGM (maintenance-free lead)		
BATTERY	Number per string	3	6	
	Uptime with internal battery in minutes	50% load	10	11
		100% load	3	3
	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

ARES 1000 PRO RT



ARES 2000 PRO RT



ARES 3000 PRO RT

