



ARES Plus

DSP Controlled Online UPS ARES PLUS RT

ARES PLUS Rack-Tower has a number of smart functions which increase battery life. Thanks to the new battery discharge protection control function, prolongs durability and provides remote control for applications, it is perfect for applications in PCs, Servers, Medical Equipment and Telecommunications.

DISCHARGE CONTROL LEVEL

- 1) Adjust the discharge percentage of the battery (3-100%)(3-100%)
- 2) When the UPS is in battery mode, it stops at the set discharge level
- 3) The UPS will be able to start cold with the pre-programmed reserve of batteries.



SERVERS



NETWORKS



CONTROL PLC

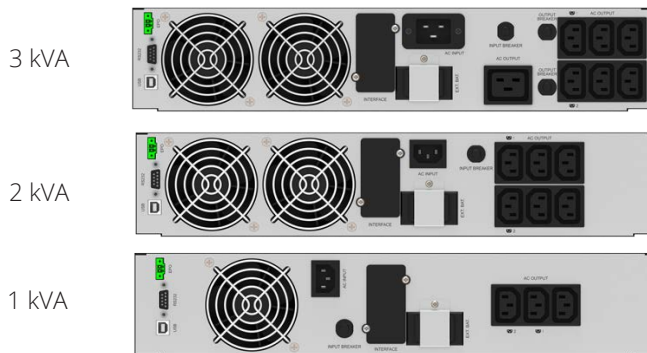


HEALTH



AUDIO/VIDEO

Rear view:



Highlights:

- Online topology provides the best protection available
- DSP control provides more precision and functionality
- Wide input range (50~150 VAC) extends battery life
- Harmonic active control keeps power lines clean
- Multi-mode operation for maximum adaptability
- Smart fan design provides quieter operation
- Intelligent Self-diagnosis to ensure reliability
- Simple firmware update prolongs the life of the UPS
- SNMP support allows easy integration into existing platforms.
- Standard emergency shutdown for building compliance
- Optional programmable outputs outlets
- IGBT technology for cleaner production and higher efficiency.

Specifications

MODEL		AB-ARPLUSRT1002	AB-ARPLUSRT2002	AB-ARPLUSRT3002	
Input	Voltage	200/208/220/230/240 VAC			
	Voltage range	110~300 VAC			
	Frequency range	40~70 Hz (auto sensing)			
	THDi	≤5%			
	Power factor	>0.99%			
Output	Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W	
	Voltage	230 VAC selectable to 200/208/220/230/240 Vac			
	Power Factor	0.9			
	Regulation	±1%			
	Frequency range	50/60 Hz ±1Hz or ±3Hz (selectable)			
	Crest factor	3:1			
	Wave type	Pure Sinusoidal			
Outlets	IEC320 Type	3 - IEC-C13 1 - IEC-C14	6 - IEC-C13 1 - IEC-C14	6 - IEC-C13 1- IEC-C19 1 - IEC-C20	
Efficiency	On Line mode	91%	92%	93%	
	Battery mode	90%	91%	92.5%	
	ECO mode High efficiency	97%	98%	98%	
Battery	Number	2/3	4/6	6/8	
	System voltage	24/36	48/72	72/96	
	Runtime	5.3 minutes at full load / 14 minutes at half load			
	Recharge time (at 90%)	3 hours			
Display	LCD display	Voltage / Frequency / Charge level / Battery level / Output current / Autonomy			
	Auto diagnosis	Upon power-up, program settings and control, real-time check			
Alarm	Audio visuales	Line Fail / Low Battery / Transfer to Bypass / System Failure			
Protection	Totla protection	Overload, Over temperature, Short circuit, Discharge, Over-charge.			
Function	Multiple modes	Normal / ECO / CVCF (Constant Voltage and Frequency)			
	Cold start	Yes			
	Programmable sockets	Two programmable banks via SNMP and / or Autonomous (using the setting tool)			
Physical	Dimensions WxHxD	inches	17.3 x 3.5 x 16	17.3 x 3.5 x 19.1	17.3 x 3.5 x 23.6
		mm	440 x 88 x 405	440 x 88 x 485	440 x 88 x 600
	Net weight	Kgs/Lbs.	11/24.2	21.8/48	24.6/54
Environmental	Operating temperature	0~40°C / 32~104°F			
	Noice	≤46 dBA @ 1 meters in front			
	Altitude	3000 mts.			
	Humidity	0%~95%RH (without condensing)			
Interface	Standard	RS-232, USB, EPO, ROO			
	Options	RS-485 cards (Modbus), Dry contact, SNMP / WEB, Environmental, WIFI, SMS.			
	Supported Platforms	Microsoft Windows series, Linux, Mac, HID Compliance, etc.			
Standard and Certifications	Safety	IEC EN 62040-1,			
	EMC	EN62040-2, EN61000-3-2, EN61000-3-3			
	Marks	CE			

*Specifications subject to change without notice.

