![Ablerex logo]
Ablerex
Experts in Power Conversion

ARES Plus

DSP Controlled Online UPS

ARES PLUS TOWER

ARES PLUS 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.

Rear view:

3 Kva

2 Kva

1 Kva

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

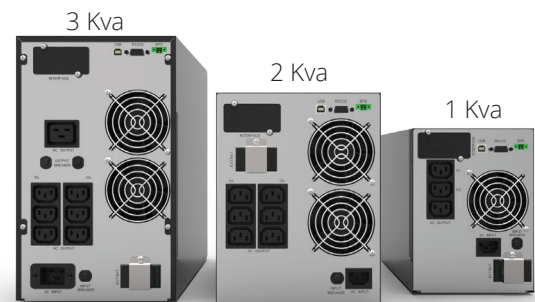3) The UPS will be able to start cold with the pre-programmed reserve of batteries.

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 content control keeps power lines clean
· Multi-mode operation for maximum adaptability
· Smart fan design provides quieter operationIntelligent
· 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 outputsIGBT technology for cleaner production and higher efficiency.

SERVERS   NETWORKS   CONTROL PLC   HEALHT   AUDIO/VIDEO

Specifications

MODEL		AB-ARPLUS1002	AB-ARPLUS2002	AB-ARPLUS3002
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 (al 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 inches WxHxD mm	6.0 x 8.3 x 15.0 154 x 211 x 382	7.5 x 9.8 x 18.5 192 x 250 x 470	7.5x12.6x17.7 192x320x451
	Net weight Kgs/Lbs.	9.4/20.7	17.8/39.2	29.8/65.7
Environmental	Operating temperature	0~40℃ / 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.