

Ares Plus Tower Series

DSP-Controlled On-line

ARES PLUS 1000VA~3000VA



- True On-line Double Conversion Topology
- Advanced DSP Control Technology
- 0.9 Output Power Factor
- Wide Input Voltage Range
- Active Harmonic Current Control
- LCD/LED Display
- Patent Backup Runtime Estimation
- Multiple Operation Mode
- Remote Emergency Power Off (REPO)
- Remote On Off control (ROO)
- Optional Programmable Outlets
- Easy Firmware Flash Upgrade

Specifications

Model	ARES PLUS 1000	ARES PLUS 2000	ARES PLUS 3000	ARES PLUS 1000	ARES PLUS 1500	ARES PLUS 2000	ARES PLUS 3000	
Input	Phase			Single + G				
	Voltage Range**			110~300Vac				
	Frequency Range			45-65Hz (Auto sensing)				
	Input Power Factor			≥0.99@ 100% linear load				
Output	Capacity	1000VA/900W	2000VA/1800W	3000VA/2700W	1000VA/900W	1500VA/1350W	2000VA/1800W	3000VA/2700W
	Output Voltage			220/230/240 Vac				
	Output Power Factor***			0.9				
	Output Voltage Distortion			<3% @ 100% Linear load <7% @ 100% non-linear load				
	Output Voltage Regulation			±1%				
	Frequency Range			±1Hz or ±3Hz (Selectable)				
	Crest Factor			3:1				
	Output Waveform			Pure Sine Wave				
Efficiency	Line Mode			Up to 92%				
	High Efficiency Mode			Upt to 97%				
Battery	Capacity			12Vdc/7AH				
	Battery Number	3	6	6	2	3	4	6
	Battery Voltage	36	72	72	24	36	48	72
	Recharge Time (to 90%)			4 hours				
Display	LCD measures							Volatge / Frequency / Load level / Battery level / Output current / Estimated autonomy
Alarm	Self-Diagnostics							Upon Power-on, Front Panel Setting & Software Control, 24 hours routine check
Protection	Audible or Visual							Line Failure / Battery Low / Transfer to Bypass / System Fault
	Full Protection							Overload, Over temperature, Short circuit, Discharge, overcharge
Function	Multi-Mode							Normal/ ECO/ CVCF
	DC start							Yes
Physical	Programmable Outlet							Option
	Dimensions (WxHxD) mm							154 x 211 x 382.4
	inch							6.1 x 8.3 x 15.1
	Net Weight kgs							11.6
	lbs							25.6
Environmental	Operation Temperature							0~40°C / 32~104°F
	Operation Humidity							20%~95%RH (Without condensing)
	Altitude							1000m/3280ft without Derating
	Noise Level							≤50dBA @ 1 meter front
Interface	Standard							RS-232, EPO
	Option							USB, RS-485 (Modbus), Dry Contact Relay, SNMP/WEB Card
	Compatible Platforms							Microsoft Windows series, Linux, Mac, etc.
Standards and Certifications***	Safety							EN62040-1
	EMC							EN62040-2 (C2)
	Marks							CE
								UL1778

Battery Packs Specifications

Contents	BT060367	BT120727	BT120727	BT080247	BT060367	BT080487	BT120727
Rated Battery Voltage	36	72	72	24	36	48	72
Number of batteries	6	12	12	8	6	8	12
Battery type*	12Vdc / 7Ah	12Vdc / 7Ah	12Vdc / 9Ah	12Vdc / 9Ah	12Vdc / 9Ah	12Vdc / 9Ah	12Vdc / 9Ah
Dimensions (WxHxD)	mm	154 x 258.2 x 403.6	192 x 319.9 x 552.8	192 x 319.9 x 552.8	171 x 287.6 x 440.6	154 x 258.2 x 403.6	192 x 319.9 x 552.8
	inch	6.1 x 10.2 x 15.9	7.6 x 12.6 x 21.8	7.6 x 12.6 x 21.8	6.7 x 11.3 x 17.3	6.1 x 10.2 x 15.9	7.6 x 12.6 x 21.8
Weight	kgs	18.5	38.5	42.1	27.6	27.6	42.1
	lbs	40.8	84.9	92.81	60.9	60.9	92.8

* Specifications subject to change without notice.

** Based on load percentage.

*** The same technical specification products could be sold as different model names in different countries, please consult Ablerex for more information.

