

ARES PLUS R/T UPS
Specifications (120VAC)
1500VA, 2000va and 3000VA

MODEL	Tower	ARES PLUS RT 1500			ARES PLUS RT 2000			ARES PLUS RT 3000		
	RT									
INPUT	Phase	Single phase with ground								
	Voltage Range(VAC)**	55 / 75 / 90 ~ 150VAC (based on load percentage 0 ~ 60% / 0 ~ 75% / 0 ~ 100%)								
	Frequency Range(Hz)	44 ~ 66Hz (auto sensing)								
	Input Power Factor	≧ 0.99 @ nominal voltage 100% linear load								
OUTPUT	Capacity(VA/W)	1500 / 1350			2000 / 1800			3000 / 2700		
	Voltage(VAC)***	120VAC, adjustable to 100 / 110 / 115 / 120VAC								
	Output Power Factor***	0.9								
	Output Voltage Distortion	< 3% @ 100% linear load								
		< 6% @ 100% non-linear load								
	Output Voltage Regulation	±1%								
	Frequency Range(Hz)	50 / 60Hz ± 1Hz or ± 3Hz (selectable)								
	Crest Factor Ratio	3:1								
Output Waveform	Pure sine wave									
EFFICIENCY	Line Mode	Up to 92%								
	High Efficiency Mode	Up to 97%								
BATTERY	Battery Type	VRLA, sealed lead acid maintenance free								
	Capacity and Number	12V / 9Ah x 3			12V / 9Ah x 4			12V / 9Ah x 6		
	Voltage(Vdc)	36			48			72		
	Typical Charger Time	4 hours recover to 90% capacity								
INDICATOR	LED	Normal / Battery / Bypass mode, Battery Bad/Weak, Fault, Overload, Site wiring fault, Outlet1, Outlet2, Load								
	LCD Measures (Option)	Voltage, Frequency, Load level, Battery level, Output current and Estimated autonomy								
	Self-Diagnostics	Upon power-on, Front panel setting and Software control, 24Hours routine check								
ALARM	Audible or Visual	Line failure, Battery low, Transfer to bypass and System fault								
PROTECTION	Full Protection	Overload, Over temperature, Short circuit, ABDM and EPO								
FUNCTION	Multi-Mode	Normal / ECO / CVCF								
	DC Start	Yes								
	Programmable Outlet (Option)	Yes, support 2 outlets								
	Dimensions (WxHxD in mm/inch)(RT)	440 x 88 x 405 (17.3 x 3.5 x 15.9)			440 x 88 x 485 (17.3 x 3.5 x 15.9)			440 x 88 x 600 (17.3 x 3.5 x 23.6)		
	Net Weight (kgs/lbs)(RT)	14.5 / 32.0			20.0 / 44.1			27.0 / 59.5		
ENVIRONMENT	Operation Temperature	0 ~ 40°C / 32 ~ 104°F								
	Storage Temperature	-10 ~ 50°C / 14 ~ 122°F								
	Operation Humidity	0 ~ 90%RH, non-condensing								
	Altitude	1000m / 3280ft without derating								
	Noise Level	≦ 50dBA @ 1 meter front								
COMMUNICATION	Standard	RS-232, USB, EPO/ROO, RJ11/RJ45 surge protection								
	Interface (Option)	2nd RS-232, USB, RS485, Dry contact relay, SNMP/WEB card								
	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.								
STANDARDS & CERTIFICATIONS**	Safety	UL1778								
	EMC	FCC Part 15 Class A								
	Marks	FCC, cTUVus								

* Specifications subject to change without notice

** Based on load percentage.

*** The same technical specification may be sold in different countries under different model names

**** Battery capacity can be changed.



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