NXT Power
ARES PLUS R/T UPS Specifications (120VAC)
1500VA, 3000VA

MODEL	Tower	ARES PLUS RT 1500	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	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 6
	Voltage(Vdc)	36	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)	Volatge, 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 600 (17.3 x 3.5 x 23.6)
	Net Weight (kgs/lbs)(RT)	14.5 / 32.0	27.0 / 59.5
ENVIRONMENT	Operation Temperature	0 ~ 40°C / 32 ~ 104℉	
	Storage Temperature	-10 ~ 50°C / 14 ~ 122℉	
	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, cUL us	

* Specifications subject to change without notice
** Based on load precentage.
*** The same technical specification may be sold in different countries under different model names.
**** Battery capacity can be changed.

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