

NXT POWER
ARES PLUS BENCHTOP/TOWER UPS Specifications
(120VAC) 1500VA, 2000VA, 3000VA

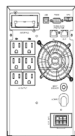
MODEL	Tower	ARES PLUS 1500	ARES PLUS 2000	ARES PLUS 3000
INPUT	Phase	Single phase with ground		
	Voltage Range(VAC)**	55 / 75 / 90 ~ 150VAC (based on load percentage 0 ~ 60% / 0 ~ 75% / 0 ~ 100%)		
	Frequency Range(Hz)	44 ~ 66Hz (auto sensing)		
	Input Power Factor	≧ 0.99 @ nominal voltage 100% linear 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		
PHYSICAL	Dimensions (WxHxD in mm/inch) (Tower)	154 x 259 x 404 (6.1 x 10.2 x 15.9)	171 x 288 x 441 (6.7 x 11.3 x 17.4)	192 x 320 x 553 (7.6 x 12.6 x 21.8)
	Net Weight (kgs/lbs)(Tower)	15	21.5 / 47.4	30.5 / 67.2
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, cUL us		

* Specifications subject to change without notice

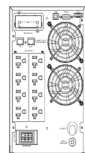
** Based on load percentage.

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

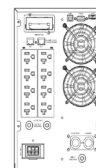
**** Battery capacity can be changed.



1.5K



2K



3K