

NXT POWER

ARES PLUS UPS Specifications (230VAC) 3000VA

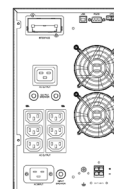
MODEL	Tower Standard Type	ARES PLUS 3000
	RT Standard Type	ARES PLUS RT 3000
INPUT	Phase	Single phase with ground
	Voltage Range(VAC)**	180 ~ 300VAC
	Frequency Range(Hz)	44 ~ 66Hz (auto sensing)
	Input Power Factor	≥ 0.99 @ nominal voltage 100% linear load
OUTPUT	Capacity(VA/W)	3000 / 2700
	Voltage(VAC)***	230VAC, adjustable to 200 / 208 / 220 / 230 / 240VAC
	Output Power Factor***	0.9
	Output Voltage Distortion	< 3% @ 100% linear load
		< 7% @ 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 (Tower)	12V / 7Ah x 6
	Capacity and Number (RT)	12V / 7Ah x 6
	Voltage(Vdc)	72
	Typical Charger Time	6 ~ 8 hours recover to 90% capacity
INDICATOR	LED	Normal / Battery / Bypass mode, Battery Bad/Weak, Fault, Overload, Site wiring fault, Outlet1, Outlet2 and 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 (Option)
FUNCTION	Multi-Mode	Normal / ECO / CVCF
	DC Start	Yes
	Programmable Outlet (Option)	Support 2 outlets (Option)
PHYSICAL	Dimensions (WxHxD in mm/inch) (Tower Standard Type)	192 x 320 x 451 (7.6 x 12.6 x 17.8)
	Net Weight (kgs/lbs)(Tower Standard Type)	29.8 / 65.7
	Dimensions (WxHxD in mm/inch) (RT Standard Type)	440 x 88 x 600 (17.3 x 3.5 x 23.6)
	Net Weight (kgs/lbs)(RT Standard Type)	24.6 / 54.2
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
	Interface (Option)	EPO/ROO, 2nd RS-232, USB, RS485, Dry contact relay, SNMP/WEB card
	Compatible Platforms	Microsoft Windows series, Linux, Mac, etc.
STANDARDS & CERTIFICATIONS	Safety	IEC EN 62040-1
	EMC	IEC EN 62040-2, EN61000-3-2, EN61000-3-3
	Marks	CE

* 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.



3KVA



3KVA