APRT+11X 6KVA/10KVA

- True double-conversion
- DSP technology guarantees high performance
- Output power factor 1
- 50Hz/60Hz frequency converter mode
- Emergency power off function (EPO)
- Generator compatible
- SNMP/USB/RS-232 communications
- Adjustable battery numbers
- Optional N+X parallel redundancy
- Adjustable charging current via LCD panel
- Supporting Hot Standby function

APRT+11X 6KVA/10KVA Rack/Tower Online UPS Selection Guide

MODEL		APRT+ 6K(L) RT		APRT+ 10K(L) RT	
PHASE		1 phase in / 1 phase out			
CAPACITY*		6000 VA / 6000 W		10000 VA / 10000 W	
INPUT					
Nominal Voltage		208/220/230/240 VAC			
Voltage Range		110~300VAC ± 3 % at 50% load 176~300VAC ± 3 % at 100% load			
Frequency Range		46~54 Hz ◎ 50Hz / 56~64 Hz ◎ 60Hz			
Power Factor		≧ 0.99 @ full load			
THDi		< 4% @100% Load, < 6% @50% Load			
OUTPUT					
Output Voltage		208*/220/230/240 VAC		208*/220/230/240 VAC	
AC Voltage Regulation		± 1%			
Frequency Range (Synchronized Range)		46~54 Hz ◎ 50Hz / 56~64 Hz ◎ 60Hz			
Frequency Range (Batt. Mode)		50 Hz ± 0.1 Hz or 60 Hz ± 0.1 Hz			
Current Crest Ratio		3:1 (max.)			
Harmonic Distortion		≦ 1% THD (Linear Load), ≦ 4% THD (Non-linear Load)			
Transfer Time	AC Mode to Batt. Mode	Zero			
	Inverter to Bypass	Zero			
Waveform (Batt. Mode)		Pure Sinewave			
Overload	AC Mode	100%~110%: 10min、110%~130%: 1min、>130% : 1sec			
	Battery Mode	100%~110%: 30sec、110%~130%: 10sec、>130% : 1sec			
EFFICIENCY					
AC Mode		94%		94%	
ECO Mode		98.5%		98.5%	
Battery Mode		92%		92%	
BATTERY					
Standard Model	Battery Type	12 V / 7 AH		12 V / 9 AH	
	Numbers	16	20	16	20
	Typical Recharge Time	9 hours recover to 90% capacity			
	Charging Current (max.)	1.0 A			
	Charging Voltage	218.4 VDC ± 1%	273 VDC ± 1%	218.4 VDC ± 1%	273 VDC ± 1%
Long-run Model	Battery Type	Depending on applications			
	Numbers	16-20**			
	Charging Current (max.)	4.0 A			
	Charging Voltage	(13.65VDC x battery number) ± 1%			
INDICATORS					
LCD Panel		UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions			
ALARM					
Battery Mode		Sounding every 4 seconds			
Low Battery		Sounding every second			
Overload		Sounding twice every second			
Fault		Continuously sounding			
PHYSICAL					
Standard Model	Dimension, D x W x H (mm)	UPS Unit: 610x438x88 [2U] Battery Pack:715x438x88 [2U]	UPS Unit: 610x438x88 [2U] Battery Pack:600x438x133 [3U]	UPS Unit: 610x438x88 [2U] Battery Pack:715x438x88 [2U]	UPS Unit: 610x438x88 [2U] Battery Pack:600x438x133 [3U]
	Net Weight (kgs)	UPS Unit: 17 Battery Pack: 48	UPS Unit: 17 Battery Pack: 57	UPS Unit: 20 Battery Pack: 53	UPS Unit: 20 Battery Pack: 63
Long-run Model	Dimension, D x W x H (mm)	610 x 438 x 88 [2U]		610 x 438 x 88 [2U]	
	Net Weight (kgs)	17		20	
ENVIRONMENT					
Operating Humidity		20-90 % RH @ 0- 40°C (non-condensing)			
Noise Level		Less than 55dB @ 1 Meter		Less than 58dB @ 1 Meter	
MANAGEMENT					
Smart RS-232 / USB		Supports Windows® 2000/2003/XP/Vista/2008, Windows® 7/8/10, Linux and MAC			
Optional SNMP		Power management from SNMP manager and web browser			

* Derate capacity to 60% of capacity in CVCF mode and to 90% when the output voltage is adjusted to 208VAC or parallel system is operated.
**When using 16 pieces of batteries, the output power factor will be derated to 0.8. If using 18 or 19 pieces of batteries, the output power factor will be derated to 0.9
If the UPS is installed or used in a place where the altitude is above than 1000m, the output power must be derated one percent per 100m.
Product specifications are subject to change without further notice.