

APRT⁺ 11X 1KVA/1.5KVA/2KVA/3KVA



- True double-conversion
- Output power factor 1
- Output voltage regulation < 1%
- 50Hz/60Hz frequency converter mode
- Programmable power management outlets
- Hot swappable battery design
- ECO mode energy saving
- Provides over voltage cutt-off protection and surge immunity by MOV for full time equipment protection
- High power factor charger upto 8A/12A capacity with very low ripple current when charging battery
- Low input THDi to reduce power system pollution
- Adjustable charging current via LCD panel
- Optional HID Power Device USB Port

APRT⁺ 11X 1KVA/1.5KVA/2KVA/3KVA Rack/Tower Online UPS Selection Guide

MODEL	APRT ⁺ 1K		APRT ⁺ 1.5K		APRT ⁺ 2K		APRT ⁺ 3K	
PHASE	Single phase with ground							
CAPACITY*	1000 VA / 1000 W		1500 VA / 1500 W		2000 VA / 2000 W		3000 VA / 3000 W	
INPUT								
Nominal Voltage	100/110/115/120/127 VAC or 200/208/220/230/240 VAC							
Voltage Range	55-150 VAC ± 5% or 110-300 VAC ± 5% @ 50% load 80-150 VAC ± 5% or 160-300 VAC ± 5% @ 100% load							
Frequency Range	40 Hz ~ 70 Hz							
Power Factor	≥ 0.99 @ nominal voltage (100% load)							
Harmonic Distortion(THDi)	≤ 5% @ nominal input voltage							
OUTPUT								
Output Voltage	100*/110*/115*/120/127 VAC or 200*/208*/220/230/240 VAC							
AC Voltage Regulation (Batt. Mode)	± 1%							
Frequency Range (Synchronized Range)	57 ~ 63 Hz or 47 ~ 53 Hz							
Frequency Range (Batt. Mode)	60Hz ± 0.1Hz or 50 Hz ± 0.1Hz							
Current Crest Ratio	3:1 (max.)							
Harmonic Distortion	≤ 2 % THD (Linear Load) ; ≤ 4 % THD (Non-linear Load)							
Transfer Time	AC Mode to Batt. Mode		Zero		Inverter to Bypass		4 ms (Typical)	
Waveform (Batt. Mode)	Pure Sinewave							
EFFICIENCY								
AC Mode	≥ 89% @ full charged battery				≥ 91% @ full charged battery			
ECO Mode	≥ 96% @ full charged battery							
Battery Mode	≥ 88%				≥ 90%			
BATTERY								
Battery Type	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah	12 V / 7 Ah	12 V / 9 Ah
Numbers	2	3	3	4	6	6		
Typical Recharge Time	3 hours recover to 95% capacity for internal battery@ 2A charging current							
Charging Current	100/110/115/120 /127 VAC models: default 2A, max. 8A adjustable 200/208/220/230/240 VAC models: default 2A, max. 12A adjustable				Default: 2A, Max: 8A adjustable			
Charging Voltage	27.4 VDC ± 1%	41.1 VDC ± 1%	41.1 VDC ± 1%	54.8 VDC ± 1%	82.1 VDC ± 1%	82.1 VDC ± 1%		82.1 VDC ± 1%
INDICATORS								
LCD Display	UPS status, Load level, Battery level, Input/Output voltage, Discharge timer, and Fault conditions							
ALARM								
Battery Mode	Sounding every 5 seconds							
Low Battery	Sounding every 2 seconds							
Overload	Sounding every second							
Fault	Continuously sounding							
PHYSICAL								
Dimension, D x W x H(mm)	410 x 438 x 88		410 x 438 x 88		510 x 438 x 88		630 x 438 x 88	
Net Weight (without battery) (kgs)	6.6	7.8	8.1	9.4	10.6	12.4		
Net Weight (w/built-int battery) (kgs)	11.6	14.1	15.5	19.5	23.3	27.5		
ENVIRONMENT								
Humidity	20-90 % RH @ 0- 40°C (non-condensing)							
Noise Level	Less than 50dB @ 1 Meter							
MANAGEMENT								
Smart RS-232/USB	Supports Windows® 2000/2003/XP/Vista/2008/7/8/10, Linux and MAC							
Optional SNMP	Power management from SNMP manager and web browser							
STANDARD								
EMC/safety	EMC EN62040-2 C2 for CE models							

*Derate capacity to 80% when the output voltage is adjusted to 100VAC/200VAC/208VAC.
Product specifications are subject to change without further notice