

Technical Specification

POWER SMART Sinewave Line Interactive APA Series

Model	APA-103TR	APA-153TR	APA-203TR	APA-303TR	APA-503TR	APA-303L	APA-503L	APA-753TR	APA-104TR	APA-753L
VA / Watt	1kVA/625W	1.5kVA/938W	2kVA / 1250W	3.0kVA / 1875W	5.0kVA / 3125W	3.0kVA/1875W	5.0kVA/3125W	7.5kVA / 4688W	10kVA / 6250W	7.5kVA/4688W
Nominal Voltage	110/115/120 Vac or 220/230/240Vac									
Voltage Range	85Vac ~ 150Vac or 170Vac ~ 300Vac									
Frequency	45Hz ~ 70Hz Auto-sensing									
Out Put Voltage	110/115/120Vac or 220/230/240Vac re-settable via LCD panel									
Voltage Regulation	± 15%									
Frequency	50Hz or 60Hz ±0.1Hz									
Power Factor	0.625									
Wave Form	Pure Sine wave									
Effeciency	>80%									
Overload Line Mode	> 110%, then Buzzer Alarm and Amber LED blink continuously.									
Battery Mode	110%~150% for 30 sec, >150% for 200ms, then UPS Shuts Down									
Short Circuit Protection	Circuit Breaker & Electronic Circuit									
DC Cold Start	Yes									
Transfer Time	2~4 ms.									
Battery Voltage	24Vdc/12V7Ah	36Vdc/12V7Ah	36Vdc/12V9Ah	36Vdc/12V7Ah	36Vdc/12V9Ah	48Vdc N/A	48Vdc/12V7Ah	48Vdc/12V9Ah	48Vdc N/A	48Vdc N/A
Recharging current						>10A*		0.1C~0.3C		>10A*
LCD Display	UPS status, I/P&O/P Voltage Frequency, Load Level, Battery Voltage & Level, Temperature, Mc									
LED Display	Normal (Green), Warning (Amber), Fault (Red)									
Audible Alarm	Yes									
COM Interfaces	Various Comb. of RS232,SNMP,USB,Dry Contact,AS400, Modbus. Enable at the same time.									
Operation Temperature	0-40 degree C; 32-104 degree F									
Relative Humidity	0-95% non-condensing									
Audible Noise	Less than 55dBA (at 1M)									
(WxHxD)mm	440*88*465			440*132*465		440*132*620		440*132*465		
IEC Outlets (220/230/240Vac)	6	6	6	10	10+1*terminal block	10	5+1*terminal block	5+1*terminal block		
Safety Standard	EN62040-1-1									
EMC	EN62040-2									
Marks	CE, cUL, UL									

1. For special application, 20A-30A max.charging current is available.
2. Rack Battery Bank APA BTR16:for 16 pcs 12V/7Ah or 16pcs 12V/9Ah.Dimension:W*H*D=440*132*465mm.
- 3.7.5-10KVA connect to an external battery bank.
4. Specifications are subjected to change without prior notice