

Model Name		APA-650 LED	APA-103	APA-153	APA-203	APA-103U	APA-153U	APA-103TR	APA-153TR	APA-203TR	APA-303TR	APA-503TR	APA-303L	APA-503L	APA-753TR	APA-104TR	APA-753L		
Capacity		VA / Watt	650VA/406W	1KVA / 625W	1.5KVA/938W	2KVA / 1250W	1KVA / 625W	1.5KVA/938W	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	
Mode Type		Tower					Rack					Tower & Rack Convertible							
Input	Nominal Voltage	110/115/120 Vac or 220/230/240Vac															220/230/240Vac		
	Voltage Range	Acceptable Voltage Range	85Vac ~ 150Vac or 170Vac ~ 300Vac															170Vac ~ 300Vac	
		Frequency	45Hz ~ 70Hz Auto-sensing																
		Boost Transfer	97.8VAC ± 2% ; 195.5VAC ± 2%															195.5Vac ± 2%	
		Boost Return	102.8VAC ± 2% ; 205.5VAC ± 2%															205.5Vac ± 2%	
		Buck Transfer	132VAC ± 2% ; 264.5VAC ± 2%															264.5Vac ± 2%	
		Buck Return	127VAC ± 2% ; 254.5VAC ± 2%															254.5Vac ± 2%	
		Low Voltage Transfer	85VAC± 2% ; 170VAC ± 2%															170Vac ± 2%	
		Low Voltage Return	90VAC± 2% ; 180VAC ± 2%															180Vac ± 2%	
High Voltage Transfer	150VAC ± 2% ; 300VAC ± 2%															300Vac ± 2%			
High Voltage Return	145VAC ± 2% ; 290VAC ± 2%															290Vac ± 2%			
Output	Voltage	110/115/120Vac or 220/230/240Vac re-settable via LCD panel																	
	Voltage Regulation	Line Mode	± 15%																
		Battery Mode	< 3% RMS for entire battery voltage range																
	Frequency Regulation	Line Mode	Synchronize to AC Mains																
		Battery Mode	50Hz or 60Hz ±0.1Hz																
	Power Factor	0.625																	
	Wave Form	Pure Sine wave																	
	Effeciency	>80%																	
	Overload Protection	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	Line Mode	Circuit Breaker																	
	Battery Mode	Electronic Circuit																	
DC Start	Cold Start	Yes																	
Transfer Time	Typical	< 4 ms.																	
Battery	Battery Voltage	12Vdc	24Vdc	36Vdc	36Vdc	24Vdc	24Vdc	24Vdc	36Vdc	36Vdc	36Vdc	48Vdc	36Vdc	48Vdc	48Vdc				
	Battery Type	9AH	7.2AH	7.2AH	9AH	7.2AH	7.2AH	7.2AH	9AH	7.2AH	9AH	9AH	N/A	N/A	7.2AH	9AH	N/A		
	Battery Quantity	1pce	2pcs	3pcs	3pcs	4pcs	2pcs	3pcs	3pcs	3pcs	6pcs	8pcs	N/A	N/A	16pcs	16pcs	N/A		
	Backup Time	> 2min	> 3 min					> 3 min					Based on Load %		> 3 min	Based on Load %			
	Recharging current	0.1C	0.1C ~ 0.3C										>10A*		0.1C-0.3C		>10A*		
Control Panel	LCD Display	UPS status, I/P&O/P Voltage Frequency, Load Level, Battery Voltage & Level, Temperature, Model																	
	LED Display	Normal (Green), Warning (Amber), Fault (Red)																	
Audible Alarm	Battery Mode	Beeping every 4 seconds																	
	Low Battery	Beeping every second																	
	UPS Fault	Beeping Continuously																	
	Overload	Beeping twice per second																	
Communication Interfaces	Standard	USB	RS232																
	Multi-Interfaces Card(Optional)	N/A	Various Comb. of RS232,SNMP,USB,Dry Contact,AS400, Modbus. Enable at the same time.																
Environment	Operation Temperature	0-40 degree C; 32-104 degree F																	
	Relative Humidity	0-95% non-condensing																	
	Audible Noise	Less than 55dBA (at 1M)																	
Physical	(WxHxD)mm	115*322*130	145*210*380	145*210*445	145*210*445	440*44*515	440*44*515	440*88*465				440*132*465	440*132*620	440*132*465					
	Net Weight (Kgs)	6.2	16.5	17.5	22.5	18	20	16	17.5	24.5	36.9	49.8	25	34.6		36.6			
	NEMA Outlets (110/115/120Vac)	3	6			4	4	6				8	8+1*terminal block	8	4+1*terminal block	4+1*terminal block			
	IEC Outlets (220/230/240Vac)	3	6			4	4	6				10	10+1*terminal block	10	5+1*terminal block	5+1*terminal block			
Safety Conformance	Safety Standard	EN62040-1-1																	
	EMC	EN62040-2																	
	Marks	CE, cUL, UL																	

- Remarks: 1. Model APA 153 A ,max. 1450VA/938W. Available for 110/115/120Vac System,
2. For special application, 20A-30A max.charging current is available.
3. Rack Battery Bank APA BTR16:for 16 pcs 12V/7Ah or 16pcs 12V/9Ah.Dimension:W*H*D=440*132*465mm.
4.7.5-10KVA connect to an external battery bank.
5. Specifications are subjected to change without prior notice.