

# Apex



- 400VA/600VA/800VA/1KVA/1.5KVA/2KVA line interactive UPS
- Touch screen LCD to display UPS information circularly (option)
- Compact size
- Boost and buck AVR for voltage stabilization
- Auto restart while AC is recovering
- Off-mode charging
- Cold start function
- Generator compatible (option)
- No load shutdown in battery mode for 800VA and below models.
- Optional HID Power Device USB port

## Apex Line Interactive UPS Selection Guide

MODEL	Apex 400	Apex 600	Apex 800	Apex 1K	Apex 1.5K	Apex 2K	
<b>CAPACITY</b>	400 VA / 240 W	600 VA / 360 W	800 VA / 480 W	1000 VA / 600 W	1500 VA / 900 W	2000 VA / 1200 W	
<b>INPUT</b>							
Voltage	110/120 VAC or 220/230/240 VAC						
Voltage Range	81-145 VAC / 162-290 VAC						
Frequency Range	60/50 Hz (Auto sensing)						
<b>OUTPUT</b>							
Output Voltage	110/120 VAC or 220/230/240 VAC						
AC Voltage Regulation (Batt. Mode)	± 10%						
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz						
Transfer Time	Typical 2-6 ms						
Waveform (Batt. Mode)	Simulated Sinewave						
<b>BATTERY</b>							
Battery Type & Number	12 V/4.5 Ah x 1	12 V/7 Ah x 1	12 V/9 Ah x 1	12 V/7 Ah x 2	12 V/9 Ah x 2	12 V/9 Ah x 2	
Typical Recharge Time	4 hours recover to 90% capacity			4-6 hours recover to 90% capacity			
<b>PROTECTION</b>							
Full Protection	Overload, discharge, and overcharge protection						
<b>INDICATORS</b>							
LCD Model	Input voltage, output voltage, battery capacity, load level and UPS status						
LED Model	AC Mode	Green lighting				Green lighting	
	Battery Mode	Green flashing				Yellow flashing	
	Fault	N/A				Red lighting	
<b>ALARM</b>							
Battery Mode	Sounding every 10 seconds						
Low Battery	Sounding every second						
Overload	Sounding every 0.5 second						
Fault	Continuously sounding						
<b>PHYSICAL</b>							
LED Model	Dimension, D x W x H (mm)	279 x 101 x 142			320 x 130 x 182		
	Net Weight (kgs)	3.55	4.2	4.9	8.2	10.4	10.6
LCD Model	Dimension, D x W x H (mm)	300 x 101 x 142			320 x 130 x 182		
	Net Weight (kgs)	3.7	4.4	5.0	8.2	10.4	10.6
<b>ENVIRONMENT</b>							
Humidity	0-90 % RH @ 0- 40°C (Non-condensing)						
Noise Level	Less than 40dB						

Product specifications are subject to change without further notice.