

Imperial



- Digitalized PWM-based controller provides pure sinewave output
- Perfect power protection for servers, point-of-sales and workstations
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Auto restart when AC is recovering
- Off-mode charging
- Cold start function
- Built-in USB communication port and RJ-45 network protection

Imperial 750/1K/1.5K/2K Line Interactive Sinewave UPS Selection Guide

MODEL	Imperial 750	Imperial 1K	Imperial 1.5K	Imperial 2K
CAPACITY	750 VA / 480 W	1000 VA / 700 W	1500 VA / 1050 W	2000 VA / 1400 W
INPUT				
Voltage	110/120 VAC or 220/230/240 VAC			
Voltage Range	81-145 VAC / 162-290 VAC			
Frequency Range	60/50 Hz (auto sensing)			
OUTPUT				
AC Voltage Regulation (Batt. Mode)	±5%			
Frequency Range (Batt. Mode)	50 Hz or 60 Hz ± 1 Hz			
Transfer Time	Typical 2-6 ms, 10ms max.			
Waveform (Batt. Mode)	Pure Sine Wave			
BATTERY				
Battery Type & Number	12 V / 9 Ah x 1	12 V / 7Ah x 2	12 V / 9 Ah x 2	12 V / 10 Ah x 2
Typical Recharge Time	6 hours recover to 90% capacity			
PROTECTION				
Full Protection	Overload, discharge, and overcharge protection			
INDICATORS				
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery			
ALARM				
Battery Mode	Sounding every 10 seconds			
Low Battery	Sounding every second			
Overload	Sounding every 0.5 second			
Battery Replacement Alarm	Sounding every 2 seconds			
Fault	Continuously sounding			
PHYSICAL				
Dimension, D x W x H (mm)	350 x 146 x 160		397 x 146 x 205	
Net Weight (kgs)	8.3	9.0	11.6	12.25
ENVIRONMENT				
Humidity	0-90 % RH @ 0- 40°C (non-condensing)			
Noise Level	Less than 45dB		Less than 55dB	
MANAGEMENT				
USB Port	Supports Windows® 98/2000/2003/XP/Vista/2008, Windows® 7, Linux and MAC			
RS-232 Port (Option)				

* Product specifications are subject to change without further notice