

# Prosine



- Digitalized PWM-based controller provides pure sinewave output
- Perfect power protection for mini servers, gaming PCs, and any loads with active PFC power supply
- Excellent microprocessor control guarantees high reliability
- Boost and buck AVR for voltage stabilization
- Three-stage charging optimizes battery performance
- Auto restart while AC is recovering
- Off-mode charging
- Cold start function
- Built-in USB communication port and RJ-11 phone protection
- Offering LED and LCD panels for selection

## Prosine 600/800 Line Interactive Sinewave UPS Selection Guide

MODEL	Prosine 600	Prosine 800
CAPACITY	600 VA / 360 W	800 VA / 480 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>		
AC Voltage Regulation (Batt. Mode)	±10%	
Frequency Range (Batt. Mode)	60 Hz or 50 Hz ±1 Hz	
Transfer Time	Typical 2-6 ms, 10ms max.	
Waveform (Batt. Mode)	Pure Sine Wave	
<b>BATTERY</b>		
Battery Type & Number	12 V/7 Ah x 1	12 V/9 Ah x 1
Typical Recharge Time	4 hours recover to 90% capacity	
<b>PROTECTION</b>		
Full Protection	Overload, discharge, and overcharge protection	
<b>INDICATORS</b>		
LED Display	AC Mode	Green lighting
	Battery Mode	Yellow flashing
	Fault	Red lighting
LCD Display	AC Mode, Battery Mode, Load Level, Battery Level, Input Voltage, Output Voltage, Overload, Fault, and Low Battery	
<b>ALARM</b>		
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	
<b>PHYSICAL</b>		
Dimension, D x W x H (mm)	328 x 100 x 145	
Net Weight (kgs)	5.2	6.0
<b>ENVIRONMENT</b>		
Humidity	0-90 % RH @ 0- 40°C (non-condensing)	
Noise Level	Less than 40dB	
<b>MANAGEMENT</b>		
Optional USB Port	Supports Windows® 98/2000/2003/XP/Vista/2008, Windows® 7, Linux and MAC	

\* Product specifications are subject to change without further notice