

DATA SHEET

iP11 Series IT UPS (2 kVA)

MODEL		iP11-2
PHASE		Single phase with ground
CAPACITY*		2000 VA / 1600 W
INPUT		
Nominal Voltage		200/208/220/230/240VAC
Input Voltage Range		140VAC or 160-280VAC (Based on load at 100%)
Frequency Range		40Hz ~ 70Hz
Power Factor		0.99 @ Nominal Voltage (100% load)
OUTPUT		
Output Voltage		200/208/220/230/240VAC
Voltage Regulation		± 1%
Frequency Range (Synchronized Range)		47~ 53 Hz or 57 ~ 63 Hz
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Overload		Ambient Temp <30°C 105%~110% UPS shut down after 10 Mn. at battery mode or transfer to bypass when utility is normal 110%~130% UPS shut down after 1 Mn. At battery mode or transfer to bypass when utility is normal >~ 130% UPS shut down after 3 Sec At battery mode or transfer to bypass when utility is normal
Current Crest Ratio		3:1
Harmonic Distortion		3% THD (Linear Load) 6% THD (Non-linear Load)
Transfer Time	AC Mode to Battery Mode	Zero
	Inverter to Bypass	4 ms (Typical)
Waveform (Batt. Mode)		Pure Sinewave (Online UPS)
EFFICIENCY		
AC Mode (overall)		90%
Battery Mode (Inverter)		88%
BATTERY		
Long-run Model*	Battery Type	SMFB 12V (with External Battery -60 Minutes Back up)
	Numbers	6 No's / 8 No's
	Charging Current (max.)	4A / 6A (Adjustable)
	Charging Voltage	72 VDC / 96 VDC ±1%
INDICATORS		
LCD		Load level, Battery level, AC mode, Battery mode, Bypass mode, and Fault indicators
ALARM		
Battery Mode		Sounding every 4 seconds
Low Battery		Sounding every second
Overload		Sounding twice every second
Fault		Continuously sounding
PHYSICAL		
Long-run Model**	Dimension, D x W x H (mm)	419 x 190 x 318 - 13 KG
ENVIRONMENT		
Humidity		20-90 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 50dBA @ 1 Meter
MANAGEMENT		
Smart RS-232/USB		Supports Windows 2000/2003/XP/Vista/2008/7/8, Linux, Unix, and MAC
Optional SNMP		Power management from SNMP manager and web browser

