

DATA SHEET

HR11 Series IT UPS (6 kVA)

MODEL / TOPOLOGY		HR11-6 / Online Double Conversion
PHASE		3 wire single phase with neutral & earth
CAPACITY*		6000 VA / 4800 W (for 5000 VA / 4000W)
UPS Type (from factor)		Rack mountable with rack height of maximum 2U
INPUT		
Nominal Voltage		200/208/220/230/240VAC
Input Voltage Range / Connection		160 V - 280V
Frequency Range		40Hz ~ 70 Hz (auto sensing)
Power Factor		≥ 0.99 @ nominal voltage (100% load)
OUTPUT		
Output Voltage		Single phase 230 VDC (configurable to 220 V & 240 V)
Voltage Regulation		± 1%
Frequency Range (Synchronized Range)		50 HZ ± 3 HZ
Frequency Range (Batt. Mode)		50 Hz ± 0.25 Hz or 60Hz ± 0.3 Hz
Output Voltage THD		<5%
Overload		110% to bypass for 10 minutes / 130% to bypass for 1 minutes / 150% to bypass for 30 secs
Current Crest Ratio		3:1
Transfer Time	AC Mode to Battery Mode	Zero
	Inverter to Bypass	4 ms (typical)
Waveform		Pure sinewave
EFFICIENCY		
AC Mode (Online Mode)		94%
Green Mode		98%
BATTERY		
Long-run Model*	Battery Type	SMFB 12V (with external battery-based on backup time requirement - 30 mins / 60 mins)
	Numbers	16 no's
	Charging Current (max.)	4A / 6A (adjustable)
	Charging Voltage	192 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)	680 x 438 x 130- 18.5 kg
ENVIRONMENT		
Operating Temperature		0 to 40°C (100% load) / up to 50% degree (optional)
Storage Temperature		Up to 50°C
Altitude		0 to 1000 meters
Humidity		0-95 % RH @ 0- 40°C (non-condensing)
Noise Level		Less than 55dBA @ 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
Gen set Compatible		Available
By Pass		Inbuilt bypass
EPO (Emergency Power Off)		Optional thro potential free contacts
Paralleling Option		Available
Standards		IEC

