YOUR BACK-UP POWER SOLUTION

• Commercial • IT Telecoms Non-inductive loads



SATURN PRO

UNINTERRUPTIBLE POWER SUPPLIES

6KVA and 10KVA



Online High Frequency UPS Series

- Online double conversion with full digital control
- Compact design for a smaller footprint
- Wide input voltage and frequency windows
- 0.9 power factor
- Internal or external battery options
- Charger adjustable up to 10 Amps
- Self-testing when UPS startup
- Multiple communication interface:
 RS232/USB/EPO (Dry contact/SNMP card optional)
 - Cold start
 - Design with maintenance switch
 - Intelligent fan speed regulation
 - Multiple protection function: short-circuit, overload, overheat, battery overcharge and overdischarge, output low voltage and fan fault alarm
 - Suitable for electronic, non-inductive loads

brought to you by:







UNINTERRUPTIBLE POWER SUPPLIES

Saturn Pro 6KVA and 10KVA

ALARM Battery mode Beeping every 4 seconds Battery low Beeping every second Overload Beeping twice every second Continually beeping PHYSICAL Dimensions (WxDxH) mm 200 x 490 x 720 Net Weight (kg) excluding batteries 30kg 31kg ENVIRONMENT Operating temperature 0 °C - 40 °C Storage temperature -25 °C - 55 °C Humidity range Altitude Altitude	MODEL		SAT0611-PRO	SAT1011-PRO
Nominal voltage ange 18-270 VAC Input voltage range 50/60Hz Auto-Sensing 50/60Hz Auto-Sensi	Capacity (VA / Watts)		6000VA / 5400W	10000VA / 9000W
Input voltage range 180-270 VAC Frequency range S0/60Hz Auto-Sensing 3-0.99 Bypass voltage range Max. voltage: 230-264 VAC: Min voltage: 176-220 VAC OUTPUT Output voltage 200-220/230/240 VAC Output frequency Line mode ±10% of the rated frequency Bat. mode (50/60)±0.1%)Hz Crest factor 3:1 Harmonic distortion (THDv) £2% Linear load Inverter to bypass 5ms (Typical) Output waveform Quert	INPUT			
Power factor	Nominal voltage		208/220/230/240VAC	
Power factor	Input voltage range		180-270 VAC	
Bypass voltage range	Frequency range		50/60Hz Auto-Sensing	
OUTPUT Output voltage 208/220/230/240VAC Power factor 0,9 Voltage regulation +1% Output frequency Inne mode ±10% of the rated frequency Bat. mode (50/60±0.1%)Hz Crest factor 3:1	Power factor		≥0.99	
Output voltage 208/220/230/240VAC	Bypass voltage range		Max. voltage: 230-264 VAC: Min voltage: 176-220 VAC	
Power factor	OUTPUT			
Voltage regulation	Output voltage		208/220/230/240VAC	
Line mode \$\pi.10\% of the rated frequency \$\left(50/60\pi.0.1\%)\right)\rightz \$\left(50/60\pi.0.1\%)\rightz \$\left	Power factor		0,9	
Substitute Su	Voltage regulation		+1%	
Rest mode Sat. mode Sit. mode Sit	Output frequency	Line mode	±10% of the rated frequency	
Ac mode to bat. mode Coms Company Com	, , ,	Bat. mode	(50/60±0.1%)Hz	
Transfer time	Crest factor		3:1	
Transfer time	Harmonic distortion (THDv)		≤2% Linear load	
Transfer time			≤5% Non linear load	
Output waveform Pure Sinewave Overload Line mode Load ≤ 105% long time running: <125% last 10min; <130% last 30s; 130% turn to bypass mode immediated by pass mode BATTERY Battery voltage 192/240VDC (Adjustable) Capacity (standard unit) 12V7a/h or 12V9a/h Typical recharging time A (std unit); Long run unit max. current 10A (charge current can be set according to battery capacity) NDICATORS LED display Line mode, bat. mode, eco mode, bypass mode, battery low voltage, overload & UPS fault LCD display Line mode, bat. mode, eco mode, bypass mode, battery low voltage, output frequency, load percentage, battery voltage, numer temperature & remaining battery backup time ALARM Battery mode Beeping every 4 seconds Battery low Beeping every second Overload Beeping every second PHYSICAL Dimensions (WxDxH) mm 200 x 490 x 720 Net Weight (kg) excluding batteries 30kg 31kg	Transfer time A	AC mode to bat. mode	0ms	
Line mode Load Line mode Bypass mode Mode 40A (Breaker) 63A (Breaker)	Ir	nverter to bypass	5ms (Typical)	
Bypass mode 40A (Breaker) 63A (Breaker) Efficiency 93.5% BATTERY Battery voltage 192/240VDC (Adjustable) Capacity (standard unit) 12V7a/h or 12V9a/h Typical recharging time 6-8 hours (to 90% of full capacity) Charging current 1A (std unit); Long run unit max. current 10A (charge current can be set according to battery capacity) INDICATORS LED display Line mode, bat. mode, eco mode, bypass mode, battery low voltage, overload & UPS fault LCD display Input voltage, input frequency, output frequency, load percentage, battery voltage, nerver temperature & remaining battery backup time ALARM Battery mode Beeping every 4 seconds Battery low Beeping every second Overload Beeping twice every second Fault Continously beeping PHYSICAL Dimensions (WxDxH) mm 200 x 490 x 720 Net Weight (kg) excluding batteries 30kg 31kg ENVIRONMENT Operating temperature 0°C - 40°C Storage temperature 0°C - 55°C Humidity range 0.95%RH@ 0.40°C (non condensing) Altitude < 1500m	Output waveform		Pure Sinewave	
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Storage temperature -25 °C - 55 °C Humidity range 0-95%RH@ 0-40°C (non condensing) Altitude < 1500m			n °C -	40 °C
Humidity range 0-95%RH@ 0-40°C (non condensing) Altitude < 1500m				
Altitude < 1500m				
	Noise level		<55dB	<58dB
STANDARDS	STANDARDS			
Safety IEC/EN62040-1, IEC/EN62477-1	Safety		IEC/EN62040-1, IEC/EN62477-1	
EMC IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-	EMC		IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8	

^{*} Due to continuous product improvements specifications are subject to change without further notice



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All products are manufactured to the following standards:





