

YOUR BACK-UP POWER SOLUTION

• Commercial • IT Telecoms Non-inductive loads

NOVA
SATURN

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:

UPS
warehouse



UNINTERRUPTIBLE POWER SUPPLIES

Saturn Pro 6KVA and 10KVA

MODEL	SAT0611-PRO		SAT1011-PRO	
Capacity (VA / Watts)	6000VA / 5400W		10000VA / 9000W	
INPUT				
Nominal voltage	208/220/230/240VAC			
Input voltage range	180-270 VAC			
Frequency range	50/60Hz Auto-Sensing			
Power factor	≥0.99			
Bypass voltage range	Max. voltage: 230-264 VAC; Min voltage: 176-220 VAC			
OUTPUT				
Output voltage	208/220/230/240VAC			
Power factor	0,9			
Voltage regulation	+1%			
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			
	≤5% Non linear load			
Transfer time	AC mode to bat. mode	0ms		
	Inverter to bypass	5ms (Typical)		
Output waveform	Pure Sinewave			
Overload	Line mode	Load ≤ 105% long time running: ≤125% last 10min; ≤130% last 30s; 130% turn to bypass mode immediately		
	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 voltage, output frequency, load percentage, battery voltage, inner temperature & remaining battery backup time			
ALARM				
Battery mode	Beeping every 4 seconds			
Battery low	Beeping every second			
Overload	Beeping twice every second			
Fault	Continuously 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	0-95%RH@ 0-40°C (non condensing)			
Altitude	< 1500m			
Noise level	<55dB	<58dB		
STANDARDS				
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, IEC61000-4-8			

* 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:

