



Savior Single-Phase Rack or Tower Adjustable Online UPS 1 - 10 kVA Technical Specifications

GENERAL				
Capacity	1 kVA	3 kVA	6 kVA	10 kVA
Power Factor	0.9			
Technology	Double Conversion Online UPS with DSP Control			
INPUT				
Voltage	220/230/240 Vac (or 110/120/127 Vac)			
Voltage Range	±30% at Full Load			
Frequency	50 Hz / 60 Hz ±10%			
Input Power Factor	≥0.99 at Nominal Voltage and Full Load			
OUTPUT				
Output Voltage	220/230/240 Vac (or 110/120/127 Vac)			
Voltage Accuracy	±1%			
Crest Factor	3:1 at Full Load			
Transfer Time	0 ms (from battery)			
THDv	≤3% Linear Load, ≤5% Non-linear Load			
Waveform	Pure Sinewave			
Overload Operation	100%-125% for 5 min, 125%-150% for 60 Sec, >150% Transfer to Bypass			
Efficiency	92% AC Mode, >94% Eco Mode			
Protection	Overload, Shortcircuit and Over Voltage Protection			
BATTERY (STANDARD MODEL)				
Battery Cap. and Qty	2x9 Ah	6x9 Ah	20x4,5 Ah	20x7 Ah
Max Charging Current	2 Amp			
Recharge Time	0-90%, 4 Hours Typical			
BATTERY (LONG RUN MODEL)				
Battery Qty	2 pcs	6 pcs	20 pcs	
Max Charging Current	6 Amp (no internal batteries)			
Recharge Time	Depends on the External Batteries			
DISPLAY AND ALARMS				
Display	LCD Panel			
Displayed Parameters	Load/Battery Level, Line/Battery Mode, Bypass/ECO Mode and Fault Indicators			
Alarms	Battery Mode, Low Battery, Overload, General Fault			
Communication	USB, RS232 with Software CD			
SAFETY and STANDARDS				
Standards	IEC/EN62040-1, IEC/EN60950-1, ISO 9001, CE			
EMC	EN/IEC 62040-2, EN/IEC 62040-3			
ENVIRONMENT				
Heat and Humidity	-10 C° / + 60 C°, 0 - 90% (non-condensing)			
Noise Level	Less than 50 dB at 1 mt			
Protection Level	IP21			
UPS DIMENSIONS				
Size (WxDxH) [mm]	440x442x88 (2U)	440x630x88 (2U)	440x680x176 (4U)	440x680x264 (6U)
Weight	15 kg	30 kg	55 kg	65 kg
BATTERY CABINET				
20 pcs 7 Ah	440x555x132 (3U), 52 kg (20 pcs)			
20 pcs 9 Ah	440x555x132 (3U), 61 kg (20 pcs)			

Highlights

- True Double Conversion
- Microprocessor Control
- Can be Used Rack Mounted or Standalone on Ground
- IGBT PWM Controlled
- Input Power Factor Correction
- Output Power Factor 0.9
- Wide Input Voltage
- Converter Mode Available
- ECO Mode for Energy Saving
- Smart SNMP, USB, RS-232
- Comprehensive Display
- Easy Monitoring and Access of UPS Status
- Soft Start Capacity
- Maintenance and Automatic Bypass
- 10 Years Battery Life Time
- 2 Years Warranty

General Features

Savior Rack / Tower type Online UPS can be used as 19" rack mountable or standalone with floor stands that coming with UPS. The hot-swap battery design provides easy maintenance in rack mount installation.

A true double conversion design online UPS is for commercial devices, enterprise server and high-end equipment. A compact size design to have bigger power density for expected space utilization. Suitable for the enterprise server room and precious equipment with high reliability and high power quality demand.