



Highlights

- True Double Conversion
- Microprocessor Control
- Transformer-free Design
- IGBT PWM Controlled
- Input Power Factor Correction
- Output Power Factor 0.9
- Wide Input Voltage
- Converter Mode Available
- ECO Mode for Energy Saving
- Generator Compatible
- 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

Savior Single-Phase Online UPS 6 - 20 kVA Technical Specifications

GENERAL			
Capacity	6 kVA	10 kVA	20 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	16x7 Ah	16x9 Ah	32x9 Ah External
Max Charging Current	2 Amp		
Recharge Time	0-90%, 6 Hours Typical		
BATTERY (LONG RUN MODEL)			
Battery Qty	16 or 20 pcs		
Max Charging Current	8 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		
STANDARD MODEL			
Size (WxDxH) [cm]	30x55x75		30x65x70
Weight	70 kg	78 kg	40 kg
LONG RUN MODEL			
Size (WxDxH) [cm]	30x55x35		30x65x70
Weight	28 kg	36 kg	42 kg

General Features

Savior single-phase true double conversion design Online UPS is for commercial devices, enterprise server and high-end equipment. Compact size design to have bigger power density for expected space utilization. Suit for the enterprise server room and precious equipment with high reliability and high power quality demand.

Savior Online UPS can be used to supply vital important equipment such as medical analysis equipment, operating rooms in hospitals, ultrasound equipment, security systems, all kinds of automation systems, computer networks and communications.