



Highlights

- Output Power Factor 1.0
- Efficiency up to 98% in ECO Mode
- Parallel Operation up to 3 Units
- True Double Conversion
- Microprocessor Control
- External Battery Cabinet Option
- Input Power Factor Correction
- Wide Input Voltage
- Converter Mode Available
- Generator Compatible
- Smart SNMP, USB, RS-232
- Ethernet Port for Network Connection
- 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 - 10 kVA Technical Specifications

GENERAL		
Capacity	6 kVA	10 kVA
Power Factor	1.0	
Technology	Double Conversion Online UPS with DSP Control	
INPUT		
Voltage	220/230/240 Vac or 200/208 Vac	
Voltage Range	160-300 Vac at Full Load	
Frequency	50 Hz / 60 Hz \pm 15%	
Input Power Factor	\geq 0.99	
OUTPUT		
Output Voltage	220/230/240 Vac or 200/208 Vac	
Voltage Accuracy	\pm 1%	
Crest Factor	3:1 at Full Load	
Transfer Time	0 ms (from battery)	
THDv	\leq 3% Linear Load, \leq 5% Non-linear Load	
Waveform	Pure Sinewave	
Overload Capacity	105%-125% for 5 min, 125%-150% for 60 Sec, >150% 5 sec	
Efficiency	95% AC Mode, >98% Eco Mode	
Protection	Overload, Shortcircuit and Over Voltage Protection	
BATTERY (STANDARD MODEL)		
Battery Cap. and Qty	16x7 Ah	16x9 Ah
Max Charging Current	4 Amp	
Recharge Time	0-90%, 3 Hours Typical	
BATTERY (LONG RUN MODEL)		
Battery Qty	16 or 20 pcs	16 or 20 pcs
Max Charging Current	12 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	Ethernet, 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]	25x50x60	
Weight	70 kg	80 kg
LONG RUN MODEL		
Size (WxDxH) [cm]	25x50x35	
Weight	30 kg	40 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.