

Lithium UPS SENTINEL

The advanced Lithium Battery technology for premium on-line UPS users. The UPS with Lithium Battery provides longer discharge time and service life. Perfect solution to provide full power protection for equipment.

Appilcation



SNT-1000-3000 Li

Main Feature

• Lithium Battery

Advanced technology applying Lithium Battery as the backup power source, provides longer discharge time per UPS weight.

Load Segments

- The power management software controls the sets of receptacles known as load segments which provides organized shutdown and startup of the equipment.

Output Power Factor 1

- Power Factor 1.0 output, perfectly protect your missional power system and ensure the best output performance.

Multi-Section Fan Regulation

- Multi fan speed segment for particular device loading range, SNT-Li remains suitable temperature for high efficiency performance and reduces the operating noise immensely.

Auto-Rotating LCD Display

- Industry-leading auto-rotating LCD display suits installation formation in vertical tower or rack mount. User instantly acquire all information from big size and clear display.

• Eco Friendly Life Cycle

Longer battery life cycle provides longer life cycle to the UPS, further reduces the maintenance frequency of UPS annually, thereby saving all derived environmental burdens.

• 50 / 60 Hz Frequency Converter Mode

No matter how low/high the input voltage is, lock output frequency at 50 Hz or 60 Hz.

• EPO (Emergency Power Off)

Emergency Power Off enables imminent shutdown during critical times.

• UPSMON PRO and APP support

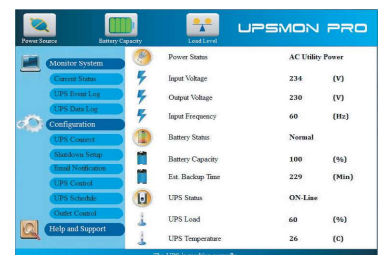
UPSMON PRO and UPSMON APP control UPS and provide UPS status instantly.



Download Link

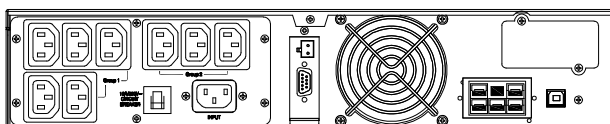


UPSMON for portable Device

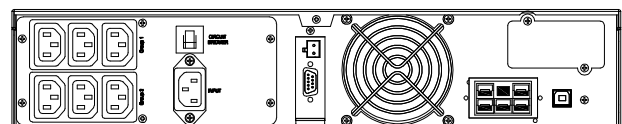


UPSMON PRO Interface

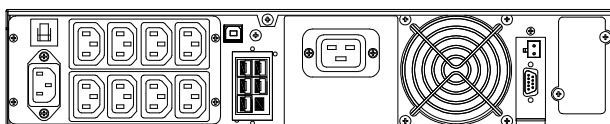
IEC Outlet



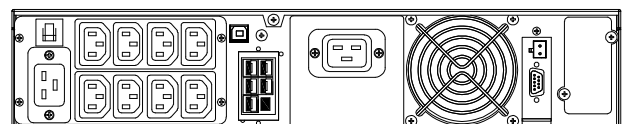
SNT-1000 Li



SNT-1500 Li



SNT-2000 Li



SNT-3000 Li

Specification

| Model | | SNT-1000 Li | SNT-1500 Li | SNT-2000 Li | SNT-3000 Li |
|----------------------------|--------------------------|---|-------------|---------------------|-------------|
| Configuration | | | | | |
| Capacity (VA) | | 1000 VA | 1500 VA | 2000 VA | 3000 VA |
| Capacity (Watts) | | 1000 W | 1500 W | 2000 W | 3000 W |
| Form | | Rack and Tower Type | | | |
| Phase | | Single Phase | | | |
| Energy Saving | | Yes - ECO Mode Efficiency >94% | | | |
| Efficiency | | >90% | | >91% | |
| Input | | | | | |
| Voltage | | 208 / 220 / 230 / 240 VAC | | | |
| Input Voltage Range | | 120 - 300 VAC, < 25% Load 140 - 300 VAC, < 50% Load 160 - 300 VAC, < 75% Load 180 - 300 VAC, < 100% Load | | | |
| Input Frequency Range | | 50 / 60 Hz (Auto Sensing) | | | |
| Input Power Factor | | >0.98 | | | |
| Cold Start | | Yes | | | |
| Inlet | | IEC C14 | | | IEC C20 |
| Output | | | | | |
| Rated Power Factor | | 1.0 | | | |
| Waveform | | Pure Sine Wave | | | |
| Voltage | | 208 / 220 / 230 / 240 VAC ± 2% | | | |
| Frequency | | 50 / 60 Hz ±0.25 Hz | | | |
| Transfer Time | | 0 ms | | | |
| Harmonic Distortion | | ≤ 2.5% THD at Linear Load | | | |
| Crest Factor | | 3 : 1 | | | |
| Load segment | | Yes | | | |
| EPO Function | | Yes | | | |
| Outlet | | 8*IEC C13 | 6*IEC C13 | 8*IEC C13+1*IEC C19 | |
| Protection | | | | | |
| Overload | Line Mode | 105% - 120% for 30 seconds 121% - 150% for 10 seconds | | | |
| | Battery Mode | 101% - 109% for 10 seconds 110% - 120% for 3 seconds | | | |
| Surge Protection | | >1620J | | | |
| Bypass | | Internal Bypass (Automatic and Manual) | | | |
| Short Circuit Protection | | UPS Output Cut Off Immediately | | | |
| Battery | | | | | |
| Battery Type | | LiFePO4 | LiFePO4 | LiFePO4 | LiFePO4 |
| Internal Batt. | | Yes | Yes | Yes | Yes |
| Battery Voltage | | 36V | 36V | 72V | 72V |
| Charging Voltage | | 42 VDC ± 1% | 42 VDC ± 1% | 84 VDC ± 1% | 84 VDC ± 1% |
| Capacity | | 7Ah | 9Ah | 7Ah | 9Ah |
| Discharger Time | | About 12 mins | | | |
| Typical Recharge Time | | 2-3 hr to 90% | | | |
| Charging Mode | | 2 stage charging management (CC-CV) | | | |
| Battery Lifecycle | | > 2000 | | | |
| External Battery Module | | Option | | | |
| External Battery Connector | | Option | | | |
| Management & Communication | | | | | |
| LCD Control Panel | | Yes | | | |
| Communication Port | | RS 232, USB B type | | | |
| SNMP Slot | | Yes | | | |
| Hot-Swap | | Yes | | | |
| Audible Alarms | | Yes | | | |
| Physical | | | | | |
| Power Module | Dimensions (WxDxH) (mm) | 428 x 425 x 84 | | 428 x 635 x 84 | |
| | Weight (kgs) | 11.8 | 13.3 | 20.5 | 23.3 |
| | Shipping Dimensions (mm) | 546 x 552 x 206 | | 550 x 750 x 220 | |
| | Shipping Weight (kas) | 14.6 | 16.1 | 24.3 | 27.7 |

** Specifications are subject to change without further notice.

** Specifications are for reference, please refer to information based on real product.

20241202