



Why come to us for a solution?

- Quality products
- Wide range of products
- Nationwide backup
- Locally produced UPS's
- Competitively priced
- Unique design
- Great value for money
- After sales service



SODIUM SERIES

ON-LINE UPS 6-10KVA

The Sodium Series UPS is a Sodium-ion True Online UPS and offers protection for IT equipment, ensuring your equipment remain safe from power fluctuations and outages. Featuring advanced online conversion technology, these units act as excellent power stabilizers, delivering a pure sine wave output consistently. This guarantees clean, reliable power for your sensitive electronics.



APPLICATION

Computer Centres, Network Centres, Communication Systems, Automatic Control Systems or other Critical Systems

FEATURES

- Sodium-ion battery
- True online
- 1:0 Output power factor
- Fast charging (fully rechargeable at minimum 30min)
- Up to 2000 cycles @100%DOD
- Strong thermal tolerance and low temperature performance
- Wide input voltage
- ECO mode for energy saving
- Generator compatible
- Optional SNMP card
- DC start function (Cold start)
- Input L-N detection function



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ON-LINE UPS 6-10KVA

Model	S6K	S10K
Capacity	6000VA / 6000W	10000VA / 10000W
Input		
Nominal Voltage	208/220/230/240 VAC	
Voltage Range	110-300VAC ± 3% at 50% load 176-276VAC ± 3% at 100% load	
Frequency	50/60Hz ± 6Hz	
Power Factor	≥0.99	
THDI	≤3%(linear load); ≤5% (non-linear load)	
Output		
Nominal Voltage	208/220/230/240 VAC	
Voltage Regulation	±1%	
Frequency	50/60Hz±0.1%	
Crest Ratio	3:1	
THDu	≤2% (linear load); ≤5% (non-linear load)	
Transfer Time	Line mode to battery mode, 0ms; inverter to bypass, 4ms (typical)	
Power Factor	1.0	
Waveform	Pure Sine Wave	
Overload Time	Line Mode 10min @ 102%-110% load Max 1min @ 110%-130% load Max 10s @ 130%-150% load 200ms @ 150% load	Battery Mode 10min @ 102%-110% load 1min @ 110%-130% load 10s @ 130%-150% load >500ms @ >150% load
Efficiency		
Line Mode	95.5% (peak efficiency)	
Battery Mode	95% (peak efficiency)	
ECO Mode	98.5% (full linear mode)	
Battery		
Battery Type	sodium-ion	
Charging Voltage	240.0Vdc ±5%	300.0Vdc ±5%
Charging Current	3A	3A
Lifecycles	2000 cycles @ 100% DOD	
Management		
Intelligent port	RS232/USB port/SNMP card (optional) / Dry contact kit (optional)	
Environment		
Operation Storage	0-40°C	
Storage Temperature	0-40°C	
Relative Humidity	0-95% (non-condensing)	
Noise	<56-58dB at 1 meter	
Altitude	Up to 1000m without derating	
Standard & Certification		
Standard and Approvals	EN/IEC61000, EN/IEC 62040	
Physical		
Size (LxWxH)mm	545 x 190 x 700	
Packaged Size (LxWxH)mm	555 x 295 x 750	
Net/Gross (Kg)	29.7/33	33.9/37