

10KVA Sodium-Ion Online UPS

Features:

- True double conversion on-line;
- Output Power factor 1.0;
- Next-Gen bridgeless PFC technology, line efficiency up to 96%;
- Lighter weights for easier transportation and installation
- Powered by sodium-ion batteries;
- Fast-charge less than 1 hour;
- Ultra-long battery life up to 3000 cycles;
- Support operation at -20°C;



TECHNICAL SPECIFICATION:

Model	NA10KS	
Capacity	10kVA/10kW	
Input		
Nominal Voltage	208/220/230/240VAC, L+N+PE	
Voltage Range	110-300VAC	
Frequency	40-70Hz	
Power Factor	>0.99	
THDi	<3% (linear load); < 5% (non-linear load)	
Output		
Nominal Voltage	208/220/230/240VAC, L+N+PE	
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:	Battery mode:
	30min@102%-110% load	10min@102%-110% load
	10 min@110-130% load	1min@110-130% load
	30s@130%-150% load	10s@130%-150% load
	<200ms@150% load	< 200ms@150% load
Efficiency		
Line Mode	≥96%	
ECO Mode	≥98.5%	
Battery		
Energy	1536.0Wh	
Run Time (100% Load)	2.5min	
Run Time (50% Load)	9.5min	
Charging Time	< 1 hour (Temperation 25°C)	
Management		
Intelligent port	RS232/USB port/SNMP card (optional) / Dry contact kit (optional)	
Environment		
Operation Temperature	-20-40°C	
Storage temperature	-20~50°C	
Relative Humidity	0-95%(non-condensing)	
Noise	<58dB@1 meter	
Altitude	Up to1000m without derating	
Standard & Certification		
Standard and Approvals	EN/IEC 61000, EN/IEC 62040	
Physical		
Case size(L*W*H)(mm)	450*190*700	
Packing Weight(KG)	35.8	
Carton size(L*W*H)(mm)	555*295*750	

* Customized different specifications are available (if required)

* All Specifications mentioned above are subject to change without prior notice