Sun Star Series 1KVA - 10KVA

High Frequency Online UPS Sun Star Series
RS Series 1KVA - 10KVA (1ph in / 1ph out)

Key Features:

- Double Conversion True Online UPS With Pure Sine-Wave Output
- Robust Design, Conformal Coating, Strong Anti-Corrosion Capability For Harsh Environment
- Extra Wide Input Voltage (90V-300Vac), Well Compatible With Gen-Set
- Input Power Factor Correction, Save Power, Wiring Expense For Use
- Strong Loading Capability, Work Well With Laser Printer, Ultrasonic Cleaner
- Compact Size, Win Valuable Space For User
- Open For Customization, Seamless Integrate With Automatic Control System

Shenzhen UPSEN Electronic CO., Ltd.
www.upsen.net

Technical Specification:

Rack Mount Model	RS1K	RS1KL	RS2K	RS2KL	RS3K	RS3KL	RS6KL	RS10KL
Phase	Single phase (L/N+PE)							
Capacity	1KVA / 900W		2KVA / 1.8KW		3KVA / 2.7KW		6KVA / 5.4KW	10KVA / 9KW
Input								
Nominal Input Voltage	208/220/230/240Vac							
Input Voltage Range	90~300VAC±5VAC							
Frequency	50 / 60 Hz							
Input Frequency Range	40~70Hz							
Input Power Factor	> 0.99							
Bypass Voltage Range	180 ~ 265VAC *(1±3%)							
Output								
Output wiring system	Single phase (L/N+PE)							
Output Voltage	208/220/230/240Vac ±2%							
Output Voltage Regulation	1%							
Output Frequency	50/60±4Hz (Sync mode); 50/60Hz±1% (Fix Freq. mode)							
Overload Capability	105 ~ 125%≥ 60s, 126 ~ 150%≥30s The recover point is 70%							
Output THDV%	THD<2% (linear load) ; THD<7% (nonlinear load)							
Output Waveform	Pure Sine Wave							
Transfer Time								
Line mode ↔ Bat Mode	0ms							
Inv ↔ Bypass Mode	<4ms							
Efficiency								
Line Mode	86%		88%		89%		92%	93%
Battery Mode	85%		86%		87%		92%	93%
Battery & Charger								
Nominal Voltage	24V	24V/36V	48V	72V	72V	48V/96V	192V / 240V	
Battery Voltage / Capacity	2*12V/7AH	External Battery	4*12V/7AH	External Battery	6*12V/7AH	External Battery	External Battery	
Battery Type	Valve Regulated Maintenance Free Lead Acid (VRLA) for Standard Model with Internal Battery							
Backup Time	Half loaded≥6minutes, Full loaded ≥2minutes(standard)						Dependent on the capacity of external batteries	
Recharge Time	~5 Hours	Subject to External Battery Config	~5 Hours	Subject to External Battery Config	~5 Hours	Subject to External Battery Config	Subject to External Battery Config	Subject to External Battery Config
Recharge Current	1A	4A	1A	4A	1A	4A	4A	4A
HMI								
Display	LCD							
Buzzer Alarm	Bat.Mode / Bat.Low / OverLoad / Fault							
Communication Port	Standard: RS232+EPO/ROO+USB PORT; RS485 Port, Dry contact, SNMP Card Slot (Option)							
Alarm Function	AC / DC input under abnormal, overload condition and Inverter problems							
Protection Function	AC input or output above or below the range of voltage, overload, over temperature and short circuit protection							
Physical								
Machine Size-W*D*H(mm)	440*400*88		440*400*88		440*500*88	440*500*88	440*500*88	
Package Size-W*D*H(mm)	495*540*195		495*540*195		540*610*195	540*610*195	540*610*195	
Net Weight(KG)	10.3	6.7	15.3	7.3	19.8	8.7	10.8	12.6
Gross Weight(KG)	11.7	8.2	16.6	8.6	21.6	10	12.6	14.3
Environment								
Humidity	5 ~ 97% (Non Condensing)							
Operating Ambient Temperature	0~40℃							
Audible Noise	<50dB						<55dB	

*External Battery Pack Rated Voltage Can Select Upon Order, 192 / 240V

*Product Specifications are Subject to Change Without Notice.