

Online High Frequency UPS



Features

- True online double-conversion
- Input power factor correction
- Wide input voltage range

Technical Specification

Model	ZKUPS-900W-R	ZKUPS-1800W-R	ZKUPS-2700W-R
Capacity	1 KVA/900 W	2 KVA/1.8 KW	3 KVA/2.7 KW
Battery Voltage	24 V	48 V	72 V
Dimension (D*W*H) (mm)	360 × 438 × 88	498 × 400 × 88	498 × 645 × 88
Net Weight (kg)	11	15.2	20

Input

Input Voltage	55 to 145 VAC
Frequency Range	50 to 60 Hz
Phase	Single Phase With Ground
Power Factor	≥ 0.99 @ 100% Load

Output

Output Voltage Range	120 VAC (± 1%)
Frequency Range	46 to 54 Hz synchronised; 50 Hz (Battery)
Current Crest Ratio	3:1
Output Current	4.5 A 9.1 A 13.6 A
Harmonic Distortion	≤ 4% THD (Linear Load); ≤ 7% THD (Non-linear Load)
Overload	105% ± 5% < Load ≤ 125% ± 5%: after 50 seconds transfer to bypass and alarm; 125% ± 5% < Load ≤ 150% ± 5%: after 25 seconds transfer to bypass and alarm; Load > 150% ± 5%: after 300 ms transfer to bypass and alarm
Transfer Time (AC mode to batt. mode)	0
Wave Form (Batt. mode)	Pure Sinewave

Battery

Battery Type	12 V/7 AH
Battery Numbers	2 4 6
Recharge Time	8 hours recover to 90% capacity

Charging Current	1 A
Environment	
Operation Humidity	20 to 90% RH @ 0 to 40°C Non-condensing
Management	
Smart RS-232	Support Windows® 2000/2003/XP/Vista/2008,Windows® 7/8, Linux, Unix and MAC
Optional SNMP	Power management from SNMP management and web browser

Dimension (mm)

