



3U 19"/23" Rack -mount Model
3U 19"/23" Open Frame Cabinet model
RM- UIPSW5KVA Series
Pure Sine Wave Inverter+UPS

Features

- Pure sine wave output (THD < 3%) R Load
- By pass function
- Inverter mode / UPS mode
- Output frequency: 50 / 60Hz switch
- RS – 232 interface / remote controls port / Wire connection to PC
- Wired Remote control
- Loading & Temperature controlled cooling fan
- Advanced microprocessor
- Protection : Input Undervoltage, Input Overvoltage ,Overload
Short circuit , Low battery alarm ,Over temperature

Electrical Performance

| Specification | Model | | | | | | | |
|----------------------------------|---|----------------------------|----------------------------|-----------------------------|--|-----------------------------|------------------------------|------------------------------|
| Item | RM-UIPSW 245KVA (3U) | RM-UIPSW 485KVA (3U) | RM-UIPSW 110KVA (3U) | RM-UIPSW 2205KVA (3U) | RM-UIPSW 245KVAE (3U) | RM-UIPSW 485KVAE (3U) | RM-UIPSW 1105KVAE (3U) | RM-UIPSW 2205KAVE (3U) |
| Continuous Output Power | 5000W | | | | | | | |
| Maximum Output Power | 5200W (3 mins) | | | | | | | |
| Surge Rating | 10000W | | | | | | | |
| Input Voltage | 24V | 48V | 110V | 220V | 24V | 48V | 110V | 220V |
| Input Voltage Range | 20-32 VDC | 42-62 VDC | 90-140 VDC | 180-275 VDC | 20-32 VDC | 42-62 VDC | 90-140 VDC | 180-275 VDC |
| DC Input over voltage alarm | 31.0VDC | 61.0VDC | 135VDC | 270VDC | 31VDC | 61.0VDC | 135VDC | 270VDC |
| DC Input over voltage shut-down | 32.0VDC | 62.0VDC | 140VDC | 275VDC | 32.0VDC | 62.0VDC | 140VDC | 275VDC |
| DC Input under voltage alarm | 21.0VDC | 43.0VDC | 95VDC | 185VDC | 21.0VDC | 43.0VDC | 95VDC | 185VDC |
| DC Input under voltage shut-down | 20.0VDC | 42.0VDC | 90VDC | 180VDC | 20.0VDC | 42.0VDC | 90VDC | 180VDC |
| No load Current Draw | 1.64A | 0.82A | 0.42A | 0.24A | 1.3A | 0.68A | 0.35A | 0.18A |
| Output Voltage Adjustment | 100 ~ 120V (Tune VR) | | | | 200~240V (Tune VR) | | | |
| Frequency | 50/60Hz ± 0.05% (Switch Selectable) | | | | | | | |
| Peak Output Current | 91A | | | | 45A | | | |
| Efficiency (full load) | 85% | 87% | 90% | 92% | 90% | 92% | 94% | 94% |
| Output Waveform | R Load Pure Sine Wave < 3% THD | | | | | | | |
| Protection | Overload, Short Circuit, Reverse Polarity (Fuse), Input Undervoltage, Input Overvoltage, Over Temperature | | | | | | | |
| Digital Display | OVP, UVP, OTP, OLP, VAC, AMP, WATT, VDC, TEMP, Hz | | | | | | | |
| Safety | EN60950-1 | | | | | | | |
| EMC | FCC Class A | | | | EN 55022:2006, Class A EN 61000-3-2: 2006 EN 61000-3-3: 1995+A1: 2001+A2: 2005 | | | |
| Interface Control Unit | RS-232C with Baud Rate 2400, 4800, 9600, 19200 (Switch Selectable) | | | | | | | |
| Remote Control Unit | Optional | Can't support | | | Optional | Can't support | | |
| AC Input | 110V AC | | | | 220V AC | | | |
| AC Frequency | (50Hz ~ 60 Hz) ± 3% | | | | (50Hz ~ 60 Hz) ± 3% | | | |
| Bypass | 4~6ms | | | | 4~6ms | | | |
| | Inverter mode or UPS mode by switch | | | | | | | |
| Operating Temperature Range | -20°C to 50°C | | | | | | | |
| Storage Temperature Range | -30°C to 70°C | | | | | | | |
| Cooling | Loading & Temperature controlled cooling fan | | | | | | | |
| Dimensions | 504(L) × 425(W) × 132(H) mm | | | | | | | |
| Weight | 19kgs | | | | | | | |

The specifications are subject to change without notice