

OMEGA UA-KR-J 6.0 / 10.0 kVA

Tku Series



FEATURES

On line high frequency

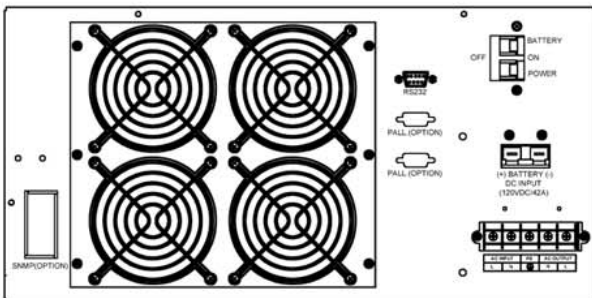
LED and LCD display

RS232 single phase in
single out

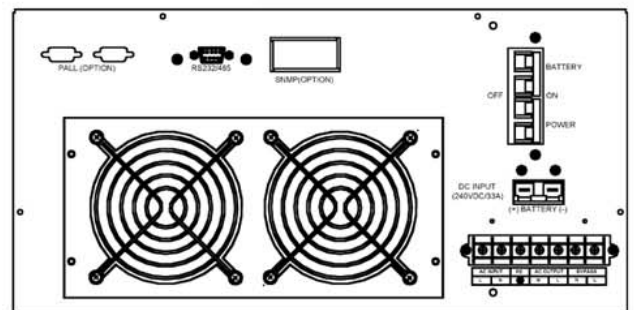
Tower/Rack(5U) convertible
without battery inside

Input and output terminal

6 kVA Rear Panel Structure



10kVA Rear Panel Structure



cULus FC CE

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EFFICIENCY and SECURITY

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OMEGA UA-KR-J 6.0 / 10.0 kVA

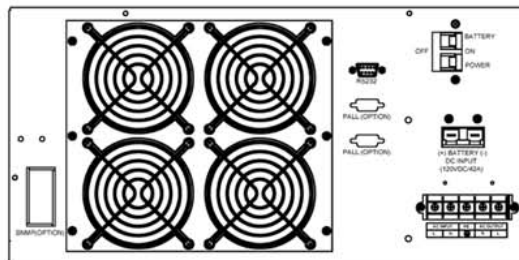
Tku Series



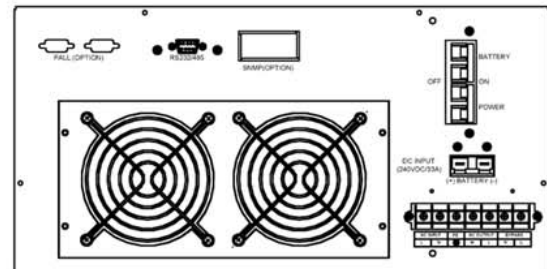
| Technical Specification | | | | | |
|--|--|--|---|--|------------------------|
| Table 1-1 OMEGA UA-KR-J Series (6_10kVA) Technical specification | | | | | |
| Model specification | UA-KR6000-J | UA-KR6000L-J | UA-KR1110-J UA-KR/B1110-J | UA-KR3110-J UA-KR/B3110-J | |
| Input Characteristic | Voltage (Vac) | 120~140Vac 50% load 140~160Vac 75% load 160~295Vac 100% load | | 120~150Vac 50% load 150~176Vac 75% load 176~276Vac 100% load | |
| | Frequency (Hz) | 50±5% | | | |
| | Phase | Single-phase three-line | | | Single-phase five-line |
| | Battery Voltage (Vdc) | 120 | | | 240 |
| Output Characteristic | Capacity (KVA/KW) | 6 / 4.2 | | 7-Oct | |
| | Voltage (V) | 220±2% | | | |
| | Frequency (Hz) | 50±0.5%_Battery mode_ | | | |
| | Standard Unit Charger Current (A) | 1.2 | | 0.7 | |
| | Long backup Model Unit Charger Current (A) | 4 | | 3 | |
| | Waveform | Sine wave, THD < 3% (Linear load) | | | |
| | Switching Time (ms) | 0 | | | |
| | Overload | 105%-130% rating load: last 1min then turn into bypass 130%-150% rating load: last 30 sec then turn into bypass Over 150% rating load: last 0.3 sec then turn into bypass | 105%-125% rating load: last 10 min then turn into bypass 125%-150% rating load: last 1 min then turn into bypass Over 150% rating load: last 1 sec then turn into bypass | | |
| | Output Connector | Line bar | | | |
| | Communication Interface | RS232_RS485 interface supports UPS power management software and SNMP protocol | | | |
| Warning Function | Incorrect connection of phase-sequence to input , Battery low voltage protection, Commercial power abnormal, UPS fault | | | | |
| Panel Display | LED displays operation status and LCD displays parameter of UPS | | | | |
| Audio-noise (dBA) | <60 | | <65 | | |
| Protection Function | Battery low-and over-voltage protection, overload protection, short-circuit protection and excess temperature protection | | | | |
| Working Temperature | 0~40_ | | | | |
| Relative Humidity | 0~95%_No condensation | | | | |
| Standard Unit Size (mm) (H_W_D) | UPS: 440_500_220 Batter bank: 2set 440_500_132 | | UPS: 440_670_220 Batter bank: 2set 440_500_132 | | |
| Long Backup Model Size (mm) (H_W_D) | 440_500_220 | | 440_670_220 | | |
| Weight (Kg) | 95/30 | | 100/35 | | |

_ Specifications are subject to change without prior notice.

6 kVA Rear Panel Structure



10kVA Rear Panel Structure



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