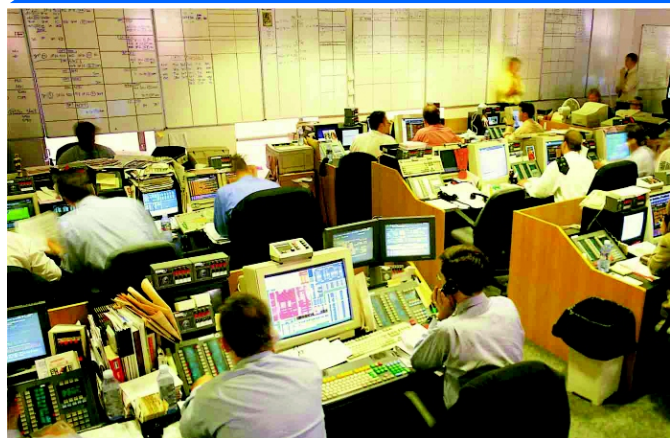


Online UPS E-Series (Environmental Friendly) 6-20KVA (3/1)



AVO HIGH POWER THP 2000

Application:

Computer/critical servers/data center/hub & other network device/LAN/WAN.



FEATURES & BENEFITS

- High frequency and double conversion on-line technology
- Fully digitized microprocessor control
- Wide input voltage range
- LCD display
- Cold start
- Parallel capacity
- Advanced battery management
- Automatic battery charge in UPS off mode
- Lightning and surge protection
- Short circuit and overload protection
- Fan speed auto control when loads varies
- Optional extension battery pack
- EMI/RFI noise filter
- Smart RS232 communication with monitoring software
- Optional SNMP Card slot

Technical Specifications

| Model | | THP2006 | THP2010 | THP2015 | THP2020 |
|--------------------------------|--|--|-------------|--|--------------|
| Power | | 6KVA | 10KVA | 15KVA | 20KVA |
| Input | Voltage Range | 304±5VAC~478±5VAC | | | |
| | Frequency | 46~54Hz±0.5Hz or 56~64Hz±0.5Hz auto sensing | | | |
| | Phase | Three phase | | | |
| | Power Factor | ≥0.96 | | | |
| Output | Voltage Range | 220Vac ±1% | | | |
| | Power Factor | 0.7 lag to unity | | | |
| | Phase | Single phase | | | |
| | Frequency | 50HZ±0.2%(battery mode) | | | |
| | THD (Linear load) | <2% | | | |
| | THD (non-Linear load) | < 3% | | | |
| | Overload | 105%~130% 10min turn to bypass mode;>130% 1s turn to bypass mode | | | |
| | Crest Factor | 3:1(max) | | | |
| | Short Circuit Protection | 5 cycles turn off inverter, no transfer to bypass, provide alarm (AC mode) 5 cycles turn off inverter, provide alarm (battery mode) Input fuse blown or breaker action | | | |
| | Waveform | Pure sine wave | | | |
| | Transfer Time Between AC Mode and Battery Mode | Zero transfer time | | | |
| | Transfer Time Between AC Mode and Bypass Mode | Zero transfer time | | | |
| | Efficiency | ≥90% | | | |
| Battery | Type | 12V sealed lead acid maintenance free | | | |
| | DC Voltage | 240VDC | | | |
| | Configuration | 20 x 12V/7AH | | External battery bank | |
| | Backup Time (half load) | 20min | 13min | Depends on the external battery capacity | |
| | Backup Time (full load) | 7min | 5min | | |
| | Charge Current (standard unit) | 1A | | N/A | |
| | Charge Current (long time unit) | 5A | | | |
| Recharge Time | 90%capacity after 8 hrs charging | | | | |
| Communication Interface | | RS232 ; SNMP (optional) | | | |
| Parallel port | | Parallel availability for redundancy and load sharing up to three units | | | |
| LCD Indication | | 1. Input voltage/frequency , battery voltage, output voltage/frequency, load watt/VA value and percent, inverter temperature 2. Operation mode such as "on line", "on batt", or "on bypass" | | | |
| LED Indication | | 1. Green led for normal operation,2. Yellow led for warning condition3. Red led for abnormal operation | | | |
| Noise Level | | ≤55dB | | | |
| Environment | Temperature | 0~40℃ | | | |
| | Humidity | 0%~95% (Non-condensing) | | | |
| | Altitude | <1500m | | | |
| | Storage Temperature | 0~40℃ | | | |
| Other | Standard unit Net/Gross Weight | 91/103Kg | 95/109Kg | 130/142 | 130/142 |
| | Long Time Unit Net/Gross Weight | 39/51Kg | 60/74Kg | 60/74Kg | 60/74Kg |
| | Dimension (W×D×H)mm | 260×570×717 | 260×570×717 | 320×620×950 | 320×620×950 |
| | Packing (W×D×H)mm | 430×700×845 | 430×700×845 | 410×717×1050 | 410×717×1050 |

- All specifications are subject to change without prior notice
- Custom-made specifications are acceptable



SWITCHING AVO ELECTRO POWER LIMITED

230, S. N. Roy Road (Buroshibtala), Kolkata - 700 038, Website : www.avoups.com