

AC Power Master



Three Phase 60 Amp Sequencing Power Distribution Unit

Spectrum Power Management Systems has developed numerous “Turn Key” Power Distribution and Management Solutions. Among these solutions, is the AC Power Master, a comprehensive 3 Phase 60 Amp per Phase Power Distribution & Power Sequencing Unit providing circuit protection to each of the 12 single or 3 Phase output receptacles.

The AC Power Master is a culmination of several product variants that offers the client the ability to utilize very large high voltage source power and deliver voltage to a very large number of equipment loads while providing Single and 3 Phase circuit protection with UL listed 489 breakers.

Each of the phases offers several outlets that are capable of sequencing POWER ON in the defined order and time delay set by the user. The Power Master lends itself to a wide array of applications that are not readily fulfilled by existing Power Distribution and Illumination Systems. The soldier with the aid of the AC Power Master can readily monitor the state of energy / power consumption remotely and take action to avoid unintended power interruption to critical equipment in shelter, forward operating bases or tactical operations centers. The AC Power Master also makes an excellent power distribution unit for Command & Control Shelter, UAV Ground Mission Control Shelters and all other areas requiring 120 – 208 VAC Single phase to 3 Phase power distribution from 20 Amp to well over 70 Amps per phase. A local EPO (Emergency Power Off) with provisions for a remote point EPO make the operation of this device in complex situations very reliable.

The AC Power Master provides the user a number of options for communications from TCP/IP, Telnet, SNMP with other options possible. The AC Power Master is a solution that can be designed for any customer/application specific mission. Contact Spectrum Power Management and let us tailor a custom solution for you.

Ideal Power Distribution & Power Sequencing Solution for Many Mission Critical Applications

- C4ISR
- Common Ground System Shelters
- Mission Control Shelters
- UAV Ground Stations
- Tactical Operations Center
- Transit Cases
- Simulation and Training Shelters
- Network Infrastructure
- Forward Operating Base / Tactical Operations Center

Features & Benefits

- Breaker On/Off/Reset
- UL 489 Listed Circuit Breaker
- Safety Lock-out During Configuration
- Remote Monitoring & Control
- Rugged Chassis Design
- Multiple Packaging Options
- Wide Range Performance.

Industry Standard Testing & Verification

- MIL-STD-810F Environment Standards
- Thermal Shock
- Salt Fog
- Blowing Sand
- Blowing Dust
- Fungus
- Shock
- Vibration
- Ground Bond
- Mechanical Shock
- MIL-STD-1686C ESD Control
- MIL-STD-461E EMC Compliance

Mechanical & Electrical Specifications



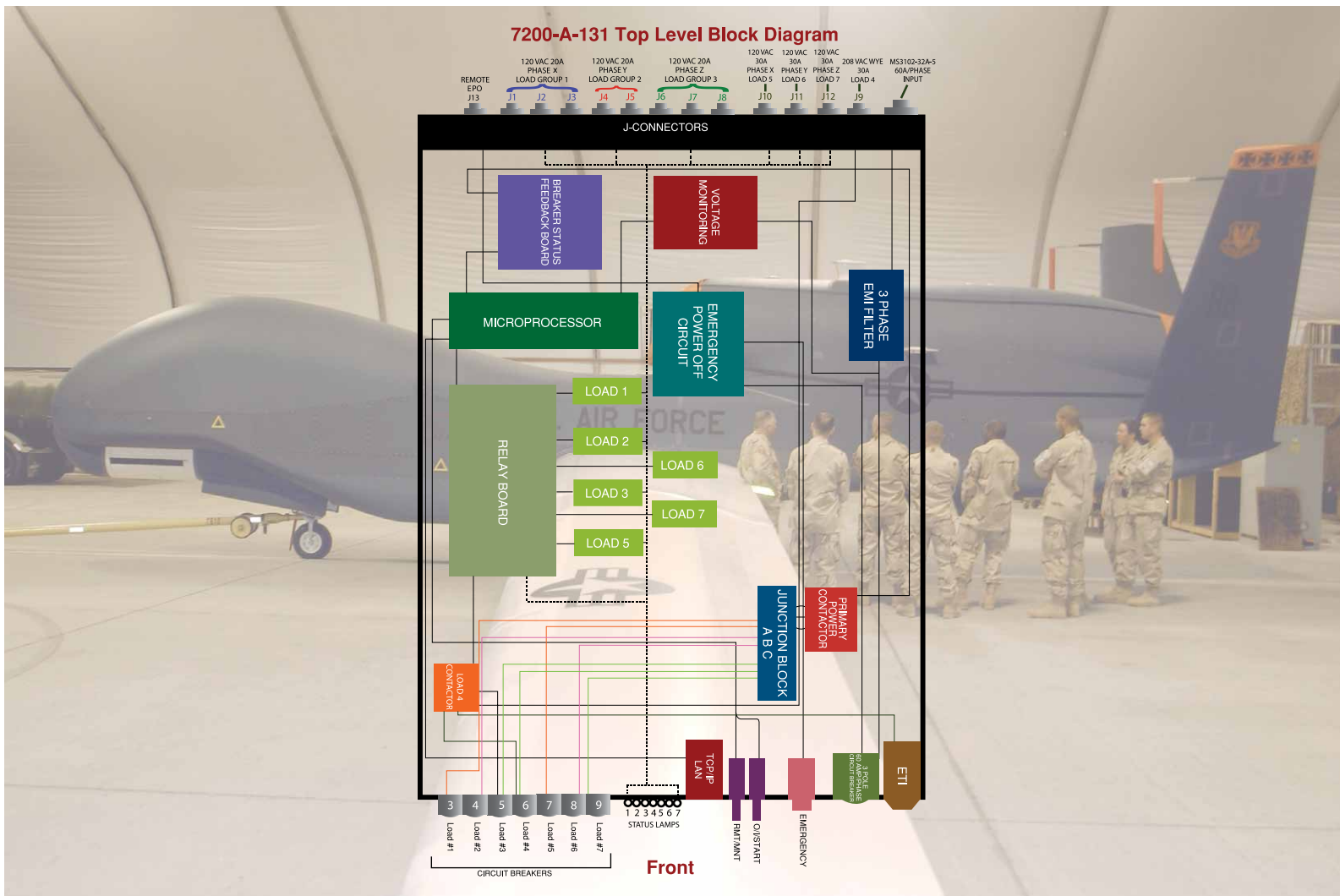
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Specifications	7200-A-131
Power Entry Connector	MS 3102-32A-5P, VEAM P/N CIR030FP-32A-5PF80-FT
Input Voltage	208 VAC 3 Phase Delta
Input Frequency	50 - 60 Hz
Input Current	60A/PHASE
Output Connectors	(8) NEMA 5-20R, (1) NEMA L21-30R, (3) NEMA L5-30R
Output Connector Type and call out	J1-J8 Receptacle, 20A NEMA 5-20R J9 Receptacle, 30A, NEMA L21-30R J10-J12 Receptacle 30A, NEMA L5-30R
Operating Temperature	0° C to 50° C (32°F to 122°F) (Can be offered in Wide Temperature range configuration -46°C to +60°C)
Dimensions	28.75"L X 19"W X 6.95"H (Form factor and all parameters can be modified to suit end application)
Weight	55lbs

*Note each of our designs can be readily reconfigured to meet customer specific use cases



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