

AC Power Master

Collection



Three Phase 70 Amp per Phase Power Distribution & Power Sequencing Solution

with Overload & Circuit Protection and Optional Remote Power Monitoring

Spectrum Power has developed a number of “Turn Key” Power Distribution and Management Solutions to be featured exclusively as part of the **AC Power Master Collection**.

The **AC Power Master Collection** is a culmination of five product variants that offer the client the ability to distribute and Sequence High Power to any number of desired mission loads, whether they are single phase or 3 phase circuit protection with UL Listed 489 Breaker.

The **AC Power Master** lends itself to a wide array of applications that are not readily fulfilled by existing Power Distribution and Illumination Systems. With the aid of the **AC Power Master**, the user can readily monitor the state of energy / power consumption remotely and take action to avoid unintended power interruption and reduce the threat of downtime.

Available Selection of Features & Benefits

- Single Phase AC
- Three Phase AC
- 0U, 1U, or 2U Rack Designs
- Non-Rack Mount Designs
- Variety of Receptacles and Plugs
- Circuit Protection with UL-Listed Breakers
- Breaker On/Off/Reset
- UL 489 Listed Circuit Breaker
- Safety Lock-Out During Configuration
- Wide Operating Temperature Range
- Local Power Meter
- Remote Cycling & Sequencing
- Remote Monitoring & Control
- Automatic Transfer Switch (ATS)
- Emergency Power Off (EPO)
- Elapsed Time Indicator
- Transient Voltage Suppression
- Power Quality Validation
- EMP Protection
- Rugged Chassis Design
- Up to 70 Amps/Phase Current
- Common Mode and Differential Mode Filtering
- Customer Private Label
- Rugged Field Packaging



Ideal Power Distribution & Power Sequencing Solution

- 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
- Test Equipment

There are a number of ideal applications for the **AC Power Master** including; shelters, forward operating bases or tactical operations centers, command & control shelters, 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.

The **AC Power Master** collection is designed at the outset with the client desired features. Spectrum Power can tailor the **AC Power Master** for virtually any application with the flexibility our design and manufacturing team. Some of the available options include: communications from TCP/IP, Telnet, SNMP, and other variables; as well as a local EPO (Emergency Power Off) with provisions for a remote point.

Designed to Meet 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



Part Number	7200-A-135-1	7200-A-135-2	7200-A-135-3	7200-A-131	7200-A-49
Input Voltage	3 Ø WYE, 208 VAC	3 Ø WYE, 208 VAC	3 Ø Δ, 208 VAC	3 Ø WYE, 208 VAC	3 Ø WYE, 208 VAC
Maximum Current	70A Max/Phase	70A Max/Phase	60A Max/Phase	60A Max/Phase	70A Max/Phase
Frequency	50/60 Hz	50/60 Hz	50/60 Hz	60 Hz	60 Hz
Output Voltage	208 VAC - 3 Ø L21-30R (3X) 208 VAC - C19 (3X) 120 VAC - C13 (4X)	208 VAC - 3 Ø L21-30R (3X) 208 VAC - C19R (3X) 120 VAC - C13R (4X)	208 VAC - 3 Ø L15-30R (3X) 208 VAC - C19R (3X) 208 VAC - C13 (3X)	208 VAC - 3 Ø L21-30R (1X) 120 VAC - L5-30R (3X) 120 VAC - 5-20R (8X)	208 VAC - 3 Ø L21-30R 120 VAC - L5-20R 120 VAC - 5-15R
Outlets	(3) 30A L-21-30R (3) 16A C19 (4) 10A C13	(3) 30A L21-30R (3) 16A C19 (4) 10A C13	(3) 30A L15-30R (3) 20A C19 (3) 10A C13	(1) 30A, L21-30R (3) 30A, L5-30R (8) 20A, 5-20R	(1) L21-30R (3) L5-20R (8) 5-20R
Overload Protection	(3) 30A/3P (3) 20A/2P (3) 15A/1	(1) 70A/3P	1) 60A/1P rated to 10k AIC	(1) 60A/3P	(1) 30A/3P (6) 20A/1P
Physical Dimensions	17"L x 24"W x 6.95"H	17"L x 24"W x 6.95"H	17"L x 24"W x 6.95"H	17"L x 28.75"W x 6.95"H	17"L x 28.75"W x 6.95"H
Sequencing	No	No	No	Yes	Yes
Communication	N/A	N/A	N/A	Telnet TCP/IP, PMP v2	N/A