

AC Power Master PDU Series

High Powered Three Phase Power Distribution Units with Sequencing, Overload & Circuit Protection, and Remote Power Monitoring



PART - 7200-A-131-2

The API Technologies 3 Ø AC Power Master (ACPM) series delivers great value in the versatility it provides. These high powered devices have a wide variety of available configurations, multiple outlets that can be all different power outputs, and many different communication protocols for monitoring, sequencing and fault management.

The 3 Ø (Phase) ACPM series of PDUs minimize inrush currents that avoid nuisance system tripping utilizing power sequencing and fault management solutions. The ACPM effectively distributes 3 Ø (Phase) source power to multiple system loads supporting a variety of customer applications.

The ACPM is available in versions that provide remote monitoring and remote power cycling for those hard to get to locations. The benefit of remote monitoring is having the ability to take action to avoid unintended power interruption and reduce the threat of downtime.

The ACPM are designed for the industry standard 19 inch rack. Most models are 4U tall with optional mounted slide rails for easy accessibility.










7200-A-131-2

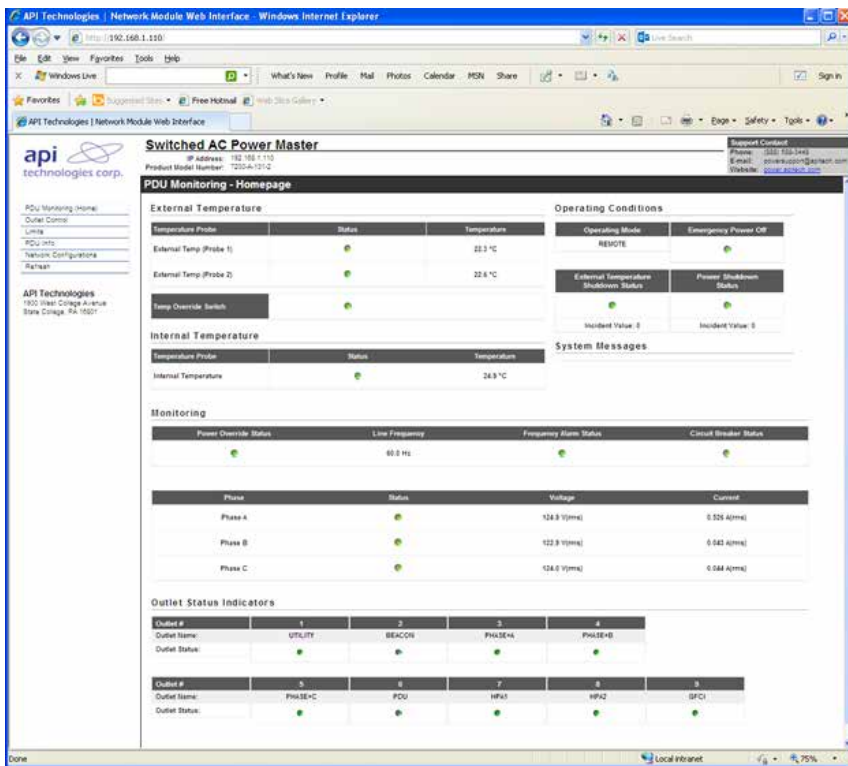
7200-A-131



Features

	AC INPUT/OUTPUT
	3 phase power with phase detection and phase correction
	Power Sequencing and outlet sequencing to minimize inrush currents avoiding nuisance system tripping
	EMI filtering to protect against noise and interference from other electronic devices.
	Transient voltage and circuit protection
	Wide operating temperature range that meets MIL-STD requirements; auto temperature shutdown
	LAN Control

Web Interface Monitoring Page for the 7200-A-131-2



Remote monitoring frequency, phase voltage, Phase sequence detecting, line current, temperature and more



Internal and External Temp. monitoring with Shut down conditions, warnings, and alarms



Emergency Power OFF



Elapsed time indicator



Digital LED Status Indicators



This product can be modified in color, shape, outlet style (NEMA or IEC), power inputs, and more.

Technical Specifications

Part Number	Input Voltage	Max Current	Output Voltage	Physical Dimensions (W x D x H) in.	Sequencing	Com.	EPO
7200-A-135-1	3 Ø WYE, 208 VAC 50/60 Hz	70A Max/Phase	208 VAC - 3 Ø (3 x L21-30R) 208 VAC (3 x C19) 120 VAC (4 x C13)	19 x 24 x 6.95	No	N/A	No
7200-A-135-2	3 Ø WYE, 208 VAC 50/60 Hz	70A Max/Phase	208 VAC - 3 Ø (3 x L21-30R) 208 VAC (3 x C19) 120 VAC (4 x C13)	19 x 24 x 6.95	No	N/A	No
7200-A-135-3	3 Ø Δ, 208 VAC 50/60 Hz	60A Max/Phase	208 VAC - 3 Ø (3 x L15-30R) 208 VAC (3 x C19) 208 VAC (3 x C13)	19 x 24 x 6.95	No	N/A	No
7200-A-131	3 Ø WYE, 208 VAC 60 Hz	60A Max/Phase	208 VAC - 3 Ø (1 x L21-30R) 120 VAC (3 x L5-30R) 120 VAC (8 x 5-20R)	19 x 28.75 x 6.95	Yes	Telnet TCP/IP SNMPv2	Yes
7200-A-131-001A	3 Ø WYE, 200-240 VAC 50/60 Hz	80A Max/Phase	200-240 VAC 3 Ø (3 x L21-30R) 100-120 VAC (1 x L5-30R) 100-120 VAC (4 x 5-20R)	19 x 28.75 x 6.95	Yes	Telnet TCP/IP SNMPv2	Yes
7200-A-131-2	3 Ø WYE, 208 VAC 50/60 Hz	60A Max/Phase	208 3 Phase: (1) L21-30R, (1) L21-20R 120 Single Phase: (9) L5-20R, (1) L5-15R	19 x 20 x 6.95	Yes	Telnet SNMPv2 Web	Yes
7200-A-49	3 Ø WYE, 208 VAC 60 Hz	70A Max/Phase	208 VAC - 3 Ø (1 x L21-30R) 120 VAC (3 x L5-20R) 120 VAC (8 x 5-15R)	19 x 28.75 x 6.95	Yes	RJ422 RJ435	Yes
7200-A-146	3 Ø Δ, 208 VAC 400 Hz	40A Max/Phase	208 VAC - 3 Ø Δ 6 x Switching MIL-DTL-5015 2 x Unswitched MIL-DTL-5015	19 x 20 x 5.19	No	Telnet, SNMPv2 Web	No
7200-A-154	3 Ø WYE 208VAC 50/60 Hz	70A Max/Phase	208 VAC - 3 Ø (2 x MIL-DTL-5015) 208 VAC (2 x MIL-DTL-5015) 120 VAC (1 x MIL-DTL-5015)	19 x 24 x 6.95	No	N/A	No

Military Applications

- C4ISR
- Common Ground System Shelters
- Mission Control Shelters
- Satellite Communication (SATCOM)
- UAV Ground Stations
- Transit Cases
- Simulation and Training Shelters
- Network Infrastructure
- Forward Operating Base (FOB)
- Tactical Operations Center (TOC)
- Automated Test Equipment (ATE)
- Airborne (400Hz Models)
- Ground Radar Platforms

Satellite Communication (SATCOM)



Available to Meet MIL-STD 810 Standards

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

Transit Cases



Commercial Applications

- Medical Equipment Testing
- Test & Training's ATE Centers
- Test Instrumentation for Wafer Fabrication & Laser Trimming Applications
- Digalog Test Engineering
- Industrial Automation & Control
- Locomotive and Light Rail Transit
- Testing & Simulation Equipment
- Communication Equipment
- Server Rack Systems



Custom design collaboration is a hassle-free experience for customers.

Clients can work directly with our design team which helps reduce the design phase of the project. The experienced design team at API Technologies has a proven track record for developing complex solutions within limited time frames. Advanced technology is employed for a comprehensive system review of packaging preparation and manufacturability.

All products are tested for agreed upon electrical, mechanical, and environmental metrics. We administer our test procedures not only for prototypes, but for each and every power product we manufacture. This focus on quality and reliability is part of the commitment we make to our customers.

Optional Features & Benefits

- Single Phase or Three Phase
- Rack Mount & Non-Rack Designs
- Remote Monitoring & Control
- Remote Power Cycling/Sequencing
- Monitor: Frequency, Phase Voltage, Line Current, Temperature, more.
- Power Quality Monitoring
- Rugged Field Packaging
- Phase Sequence Detection with Phase Correction
- Wide Operating Temperature Range
- Variety of Outlets & Plugs (IEC, NEMA, MIL, and more)
- Up to 70 Amps/Phase Current
- Circuit Protection with UL-Listed Breakers
- Transient Voltage Suppression
- Breaker On/Off/Reset
- Safety Lock-Out During Config
- Local Power Meter
- Battery Charger
- Automatic Transfer Switch (ATS)
- Digital LED Status Indicators
- Emergency Power Off (EPO)
- Elapsed Time Indicator
- EMP Protection
- EMI Filtering
- Common Mode & Differential Mode Filtering
- Units up to 70 Amps/Phase
- Units up to 400Hz

Custom Three Phase AC PDU Design Tool

Create a custom solution request by selecting from the drop-downs below.



Front View

Back View

1. Input Voltage: 3 @ WYE, 120/208 VAC

2. Input Current: 30A Max/Phase

3. Outlets: 5-20R, 5-30R, L5-15R, L5-20R, 6-20R, 6-30R, L6-20R, L6-30R, C13, C19

4. Output Voltage: 120 VAC

5. Overload Current Protection: Yes

6. Sequencing: Yes

7. LAN Communication: Yes

8. Outlet On/Off Control: Yes

9. Physical Dimensions: 17" x 24" W x 6.95" H

10. Cord Length: 10' (Standard)

11. Custom or Panel Mount Connector: Yes

<http://power.apitech.com/custom-three-phase.aspx>

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