[Furman CN-1800S Power Conditioner-Sequencer](#)

AC Voltage Input Range

- 90-139VAC, 50/60Hz

Maximum AC Current Rating

- 15 amps (Thermal breaker)

AC Cord

- 3/14AWG, 10 feet, black, fixed, NEMA 5-15P plug

AC Receptacles

- Rear Panel Outlets: 2 Unswitched NEMA 5 15R's (1 duplex), 6 Sequenced NEMA 5-15R's (3 duplexes each controlled by separate relay)
- Front Panel: One NEMA 5-15R Convenience Outlet, Unswitched

Surge/Under-Overvoltage Protection

- AC Surge Protection: SMP

- Spike Protection Mode: Line to neutral, zero ground leakage
- Spike Clamping Voltage: 188VAC peak @ 6,000 volts/3,000 amps
- Response Time: 1 nanosecond
- Maximum Surge Current: 6,500 Amps
- AC Undervoltage Protection: EVS, 77VAC+/-3VAC
- AC Overvoltage Protection: EVS, 145VAC+/-5VAC
- AC Overvoltage Reset Modes: Manual and Auto-reset (configurable)

AC Filtering

- LiFT
- Noise Attenuation: Linear, 10dB @10KHz, 40dB@100KHz, 50dB@500KHz

Operating Temperature Range

- 5C (40F) to 40C (105F) degrees

Humidity Range

- <90% rH (Relative Humidity)

User Interface

- Key-switch: Front panel, 3-position key-switch (On, Off, Remote)
- Keys: Included, 1 pair
- Push-button Switch: Front panel, hidden by security cover
- Circuit Breaker: Front panel, push-button, 15A Thermal Breaker
- Front panel diagnostic indicators: Primary link, Secondary link, Ethernet, Remote off, Delay 1, Delay 2, Delay 3, Power, Protection OK, Extreme Voltage
- Front Panel DIP Switches: Front panel. Hidden by security cover, 1 Minute Delay, 2 Minute Delay, 4 Minute Delay, Force Off NO/NC, 12V Mode On/Off BND Mode On, Momentary/Maintained, Primary/Secondary, EVS Reset Auto/Manual
- Potentiometer: Front panel, hidden by security cover, fine tune delay adjust

Control/Status/Triggering (Rear Panel):

- Remote Terminal: +5-30VDC In, 12VDC (12mA) Out
- SmartSequencing: Phoenix 4-Pin Connector, Screw Terminals, Primary & Secondary Links (Current Loop — 1000' nominal)
- Remote Terminal: Phoenix 4-Pin Connector With Screw Terminals; +12V, STAT, REM, GND (Class 2 Wiring)
- Force Off/Delay 3 Terminal: Phoenix 5-Pin Connector With Screw Terminals, FORCE OFF, DELAY 3 (Class 2 Wiring)
- RS-232 Compatible: Yes, DB-9 Connector
- IP Addressability: Optional, via BB-RS232 Ethernet/RS-232 Adapter (sold separately) for IP control via Telnet, HTTP, BlueBOLT®
- Voltmeter: Available with RS-232/Ethernet option, ± 2VAC accuracy
- Ammeter: Available with RS-232/Ethernet option, ±1A accuracy

Power Consumption (No Load):

- 10 Watts

Safety Agency:

- NRTL-C, RoHS Compliant