LOWELL™
Distributed Audio, Power & Rack Solutions

AC Power Panel w/Service Interface: ACR-1507-SSI-FC

Front view

Network pass-through ports — Charging ports — Surge protection status — Power status — Circuit breaker — NEMA 5-15R (unswitched)

Rear view

Power cord (attached)

NEMA 5-15R (unswitched) — NEMA 5-15R (unswitched) — NEMA 5-15R (unswitched) — NEMA 5-15R (unswitched) — NEMA 5-15R (unswitched) — NEMA 5-15R (unswitched) — Network pass-through ports (rear connections)

Made in USA

DESCRIPTION:

An easy connectivity solution for end users and technicians, the service interface panel provides a quick way to access a network from the front of the rack using pass-through connectivity ports. Model ACR-1507-SSI-FC includes FRONT charging ports to power devices, seven 15A power outlets, and surge protection.

FEATURES:

- **Network Pass-Through Ports:** Connect your device to one of the pass-through ports on the front and you're connected to the audio, security, or main network—whatever interface was made at the back of the unit.
  – Front RJ45 to rear RJ45
  – Front USB-A to rear USB-B
  – Writable white patch above each port for identification

- **Charging Ports (front panel):** High speed charging connectors allow convenient powering of service devices (laptop, etc.) or mounted equipment.
  – One (1) Type-C connector, 5V
  – Three (3) USB-A connectors
  – One (1) USB-A connector w/Qualcomm Quick Charge® 3.0 technology (see next page)

- **Outlets:** Unit includes a total of seven NEMA outlets, which are unswitched (always on).
  – Front Outlet:
      NEMA 5-15R (1 unswitched single)
  – Rear Outlets:
      NEMA 5-15R (6 unswitched single)

- **Power Rating:** 120VAC, 60Hz, 15A, 1800W

- **Circuit Breaker Protection:** 15A breaker w/reset button

- **Power Cord:** Attached 6-ft. cord with NEMA 5-15P plug

- **Chassis:** 19"W x 9"D x 1.75"H (1U), 10 lbs.

- **Surge Suppression:**
  – LED status indicator shows protection is active when lit
  – Maximum surge current: 40,000A
  – VPR (UL1449-4): 400V
  – Endurance: 100 WCS* (unlimited low level surges)
  – Response time: 1 nanosecond
  – EMI/RFI noise attn.: 20dB@100kHz
  – Protection mode: Line to neutral only. No ground contamination.

* Surge Protection Endurance WCS (Worst Case Situation): Defined as power quality disruptions likely to cause facility infrastructure damage such as direct lightning strike, transmission line cross-connection or collapse (from severe storm, ice damage, etc.) sub-station transformer explosion, etc. Industry standards for residential and commercial service entrance equipment limit surges entering a facility from external sources to maximum of 6kV and 10kA.

- **Certification:** ETL Listed in US/Canada (UL60065)

- **Country of Origin:** Made in U.S.A. with global components

A&E SPECIFICATIONS:

The rack shall include Lowell service interface panel model ACR-1507-SSI-FC, which shall feature two front pass-through ports (RJ45 and USB-A) to allow quick access to network connections made at the rear of the unit. The panel shall also feature five front charging ports (three USB-A, one USB-A with Qualcomm Quick Charge® 3.0 technology, one Type-C), seven NEMA 5-15R power outlets (one front, six rear), and an attached 6 ft. power cord with 5-15P plug. The panel shall include surge protection capable of defeating surges up to 40,000A. The unit shall be ETL Listed.

ACR Series Power Distribution Panels

Model No.	Power Rating	Front Outlets	Rear Outlets	Surge Supp.	Power Input	Switch Type	Outlets Controlled by Switch	Network Interface	Charging Ports	Time Delay	Input from Remote Switch	Input from External Trigger	Input from Alarm System	Output to Remote Control	Lights	Country of Origin
ACR-1505-SSI-RC	15A	1 (15A)	4 (15A)	yes	6' cord	---	---	yes	rear	---	---	---	---	---	---	USA
ACR-1506-LTS	15A	---	6 (15A)	yes	9' cord	rocker	all	---	---	---	---	---	---	---	hd	USA
ACR-1507-GNLT	15A	1 (15A)	6 (15A)	---	9' det.cord	rocker	2	---	---	---	---	---	---	---	goose	USA
ACR-1507-HDLT	15A	1 (15A)	6 (15A)	---	9' det.cord	rocker	2	---	---	---	---	---	---	---	hd-nt	USA
ACR-1507-SSI-FC	**15A**	**1 (15A)**	**6 (15A)**	**yes**	**6' cord**	**---**	**---**	**yes**	**front**	**---**	**---**	**---**	**---**	**---**	**---**	**USA**
ACR-1508-SHW	15A	---	8 (15A)	yes	6' conduit	---	---	---	---	---	---	---	---	---	---	USA
ACR-1509-S	15A	1 (15A)	8 (15A)	yes	9' cord	rocker	3	---	---	---	---	---	---	---	---	China
ACR-159-S	15A	1 (15A)	8 (15A)	yes	9' cord	rocker	all	---	---	---	---	---	---	---	---	China
ACR-2009	20A	1 (15A)	8 (15/20A)	---	9' cord	rocker	5	---	---	---	---	---	---	---	---	USA
ACR-209-S	20A	1 (20A)	8 (20A)	yes	9' cord	rocker	all	---	---	---	---	---	---	---	---	China
ACR-RPC-1508-SD	15A	---	8 (15A)	yes	9' cord	ext	6	---	---	---	yes	yes	yes	---	---	USA
ACR-SEQ4-1509	15A	1 (15A)	8 (15A)	---	9' cord	rocker & ext	6	---	---	SEQ	yes	---	yes	---	---	USA
ACR-SEQ6-2009	20A	1 (15A)	8 (15A)	---	9' cord	rocker & ext	6	---	---	SEQ	yes	---	yes	yes	---	USA

Surge Suppression = Panel includes basic surge suppression. (For rackmount panels with advanced surge suppression see ACSPR Series.)

Power Input = cord (attached cord), det.cord (detachable cord), conduit (non-metallic flexible conduit)

Switch Type (activation) = rocker (rocker switch on front), ext (external switch, not included)

Outlets Controlled by Switch = Number of outlets activated/deactivated by switch. Other outlets are unswitched (always on).

Network Interface = Panel includes network pass-through ports.

Charging Ports = Panel includes high speed charging connectors for devices (USB-A, Type-C)

Time Delay (SEQ) = Panel includes sequencing to activate/deactivate switched outlets with a time delay between steps (adjustable).

Input from Remote Switch = Panel can be controlled by an external switch, typically placed in a remote location (order RPS Series switch separately).

Input from External Trigger = Panel can be controlled by external trigger voltage (separate control system by others, not included).

Input from Alarm System = Panel can accept control override from an alarm system (alarm by others, not included).

Output to Remote Control = Panel can activate/deactivate remote equipment (order RPC Series remote power controls separately).

Lights = hd (hooded white light), goose (gooseneck lights), hd-nt (hooded night-vision lights)

See individual product spec sheets for more information.

Note: The service interface panel is also available without charging ports, power outlets and surge protection. See Lowell model SIP-1.

USB A connector w/Qualcomm Quick Charge® 3.0 technology*
– With Type-C output 5V 3A
– 40W (3.6V-6.5V) 3A, (6.5V-9V) 2A, (9V-12V) 1.5A
– Up to 4X faster than standard chargers, able to charge compatible devices to 80% in just 35 minutes, the voltage flexible change from 3.6V to 12V.
– Backwards compatible with all versions of Qualcomm Quick Charge technology (1.0, 2.0, and 3.0). Also compatible with USB-C and provides standard charging for non-Quick Charge devices.
– Quick Charge 3.0 can charge 4X faster than traditional charging and twice as fast as Quick Charge 1.0, while also being 38% more efficient than Quick Charge 2.0 and reducing power dissipation by 45%.
– Full speed charging 5 devices at the same time.
 * Registered trademark of Qualcomm Technologies, Inc.