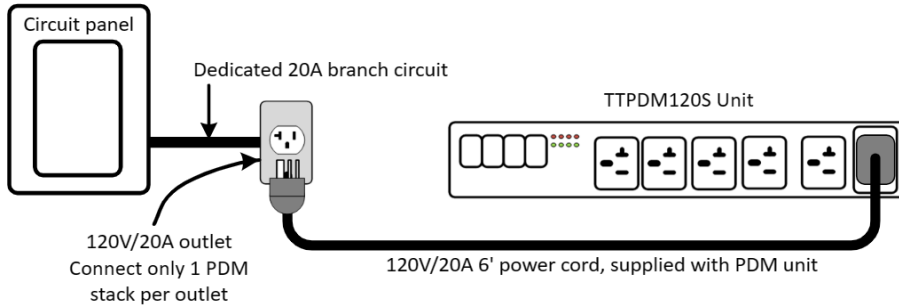


READ ALL INSTRUCTIONS PRIOR TO USE:

NOTE: Each PDM or stack of connected PDMs require a dedicated 20A branch circuit, see figures below for explanation. To reduce or eliminate breaker trip do not have additional loads or other outlets on the circuit powering the PDM.

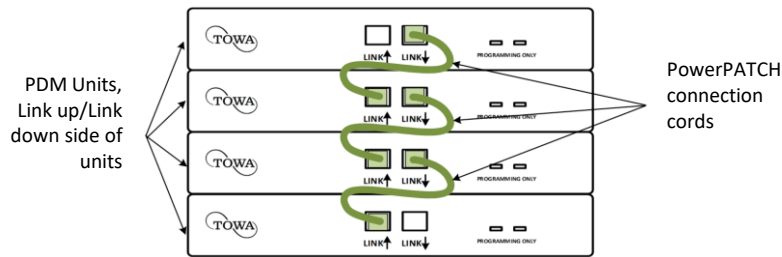
Quickstart TTPDM120S product setup:

Plug unit into available 120V/20A outlet as shown below, power cord is included with product. Green status LEDs will illuminate sequentially when energized indicating unit is ready to use. See detailed instructions further below in this guide regarding switching and normal operation.

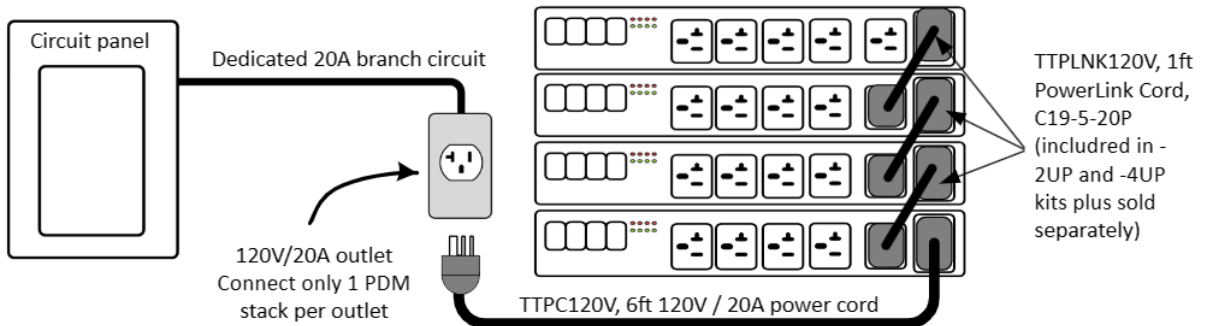


Quickstart setup for connecting multiple PDMs or for TTPDM120S-2UP, TTPDM120S-4UP kits:

Unpack and stack PDMs from your kit as shown in view below. On the LINK UP / LINK DOWN side of the stack, connect the power patch cords between units as indicated in the figure immediately below.



On the outlet side of the unit connect Powerlink cables as shown below. Lastly connect the 6 ft input cord to outlet.



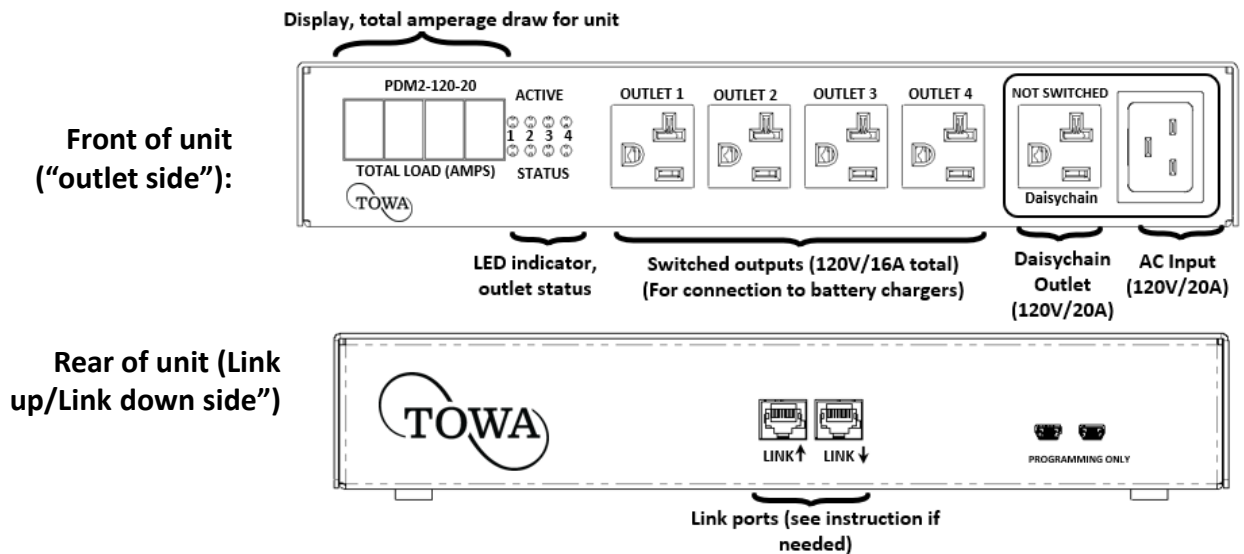
Within a couple moments after connected to power, green status LEDs will illuminate sequentially for all connected units indicating the unit is ready for use.

DETAILED INSTRUCTIONS AND PRINCIPAL OF OPERATION FOR TTPDM120S:

1. Connect power cord to input receptacle. Plug cord into 120V outlet to power up unit.
2. Display will show 0.0A, while green status LED for channel 1-4 will illuminate in sequence indicating the outlets 1-4 are active and available to charge.
3. Connect loads to the outlets. If a load draws power (like a battery that needs a charge), the active LED for that channel will display red.
4. As loads draw current, the display will indicate total load drawn through the PDM.
5. As loads are attached, if the load for the last channel connected results in total unit draw to exceed 16A, the relay for that channel will open. This will be evident by both the green and red LEDs for the channel going off.
6. Continue to plug in loads to the outlets as needed.
7. As charging is completed and the overall unit current level draw drops sufficiently, open relays will close to allow charging for channels previously opened.
8. Note: All loads can be connected to outlets at anytime prior to or during unit startup. Procedure outlined above is suggested only to illustrate principal of operation.

DETAILED INSTRUCTION FOR CONNECTING UNITS TOGETHER TO EXPAND SYSTEM CAPABILITY

1. Identify PDMs to be combined under a single power management. Units under single power management are limited to a total current draw of 16A no matter the total number of units that are connected.
2. Select a convenient PDM and connect it to a second PDM via an RJ545 patch cable. Connect the cable into the first unit at the LINE↓ port. Connect the other end of the ethernet cord to the second unit at the LINE↑ port (follow PowerPATCH figure on previous page for guide). The first 2 PDMs are in a daisy chain control configuration and will manage 16A of power across the 8 total outlets available between the 2 units.
3. Additional PDMs can be attached to the first 2 units buy connecting the LINE↑port of the last unit connected in the daisy chain to the LINE↓port of the next unit (follow PowerPatch figure on previous page for guide to connection).
4. As indicated in the figure below, connect one of the PDMs to input power. Using the Daisychain port of the first unit, connect power from the first unit to the second unit input port. Daisychain input power to all digitally connected unit as indicated in figure below.
5. Once daisychained units are digitally connected and powered up, all LED current displays will show 0.0A to 0.3A on the total load display and the ACTIVE green leds will illuminate in sequence running channel 1-4 for the first unit connected, then channels 5-8 for the second unit, etc.
6. Loads can be connected anytime during the startup to any of the connected PDMs.
7. The connected PDMs will limit overall current draw to 16A. Switching operation for connected units is the same as for independent PDMs.



Specifications:

Input – 120V 50/60 Hz NEMA 5-20P 20A
Output – 120V / 16A total, NEMA 5-20R
Dimensions – 12" x 7" x 2"

Ver – Jan 12, 2024



Indicated presence of potentially harmful electrical shock hazards. De-Energize circuit and consult instruction prior to operation.