

Accessories

Charger Power Modules



Simplify your battery charger installation with BHS Charger Power Modules. Charger Power Modules are designed to be wired directly from the main power distribution panel through a single 3-phase, 480 V connection. Chargers can then be easily connected and disconnected via twist lock plugs*. The power modules can be specified for 4, 6, or 8 chargers per panel and can be mounted directly to BHS Battery Stands for Single Level, Double Stack, Triple Stack, and Quad Stack systems and to Charger Stands.

*Note: Never connect or disconnect plug receptacle if charger is under load

Available Models

PP-420: (4) 20 AMP Receptacles

PP-430: (4) 30 AMP Receptacles

PP-620: (6) 20 AMP Receptacles

PP-820: (8) 20 AMP Receptacles

Available Options

Battery Stand Mount (BS-PP-MTD)

Includes mounting panel for attaching Charger Power Module to Battery Stand

Charger Stand Mount (CS-PP-MTD)

Includes mounting panel for attaching Charger Power Module to Charger Stand

Features & Benefits

- Less electrical wiring required on site
- Quick and easy connection to chargers
- Simple mounting requirements
- Provides added accessibility for servicing your battery chargers
- Full length piano hinge ensures long life and durability in rough applications
- Enclosures are pre-drilled for standard conduit fittings up to 2" (51 mm)
- Units come with matching cord plug ends
- Flanged flush mount panel receptacles
- Terminals are recessed into insulated body for protection
- Switch rated, class CC fused type circuit protection device. The switch is rated for disconnecting applications under load. The class CC fuses allow for a short circuit current rating (SCCR) of 100 kA when incoming power lines are properly fused.



Outlet Receptacles



Switching and circuit protection



(2) PP-620 models shown mounted to Double Stack Battery Stand

Product Specifications

Model	PP-420	PP-430	PP-620	PP-820
AC Input ¹	480 V / 3 ph / 60Hz 3 Pole / 4 Wire GRD.	480 V / 3 ph / 60Hz 3 Pole / 4 Wire GRD.	480 V / 3 ph / 60Hz 3 Pole / 4 Wire GRD.	480 V / 3 ph / 60Hz 3 Pole / 4 Wire GRD.
Maximum Line Side Amperage Draw ²	80	120	120	160
Circuit Protection Type	Totally Enclosed, Rail Mounted, Fused Protection with Switch Rated On/Off Disconnect per Circuit	Totally Enclosed, Rail Mounted, Fused Protection with Switch Rated On/Off Disconnect per Circuit	Totally Enclosed, Rail Mounted, Fused Protection with Switch Rated On/Off Disconnect per Circuit	Totally Enclosed, Rail Mounted, Fused Protection with Switch Rated On/Off Disconnect per Circuit
No. / Amperage Rating of Receptacles	4 @ 20 A each	4 @ 30 A each	6 @ 20 A each	8 @ 20 A each
Maximum Load per Receptacle ³	16 A	24 A	16 A	16 A
Line in Maximum Wire Size ⁴	2/0 (cu) 350kcmil (cu)	2/0 (cu) 350kcmil (cu)	2/0 (cu) 350kcmil (cu)	2/0 (cu) 350kcmil (cu)
Line in Torque Spec	120 lb-in	120 lb-in	120 lb-in	270 lb-in

¹ Short circuit current rating: 100 kA when AC input is protected with 175 A max class CC, G, J, or T fusing, otherwise 10 kA

² Actual amperage draw will be based on maximum charger current requirements

³ Maximum load of cord and plug connected equipment should not exceed 80% of the branch circuit rating

⁴ Panels pre-punched for 2" (51 mm) conduit size

