

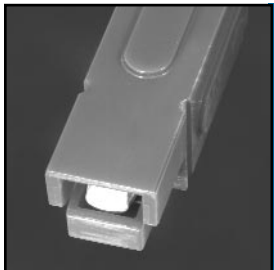
Panel Mounted



Stacked



2-Pole



Single-Pole

Considerations when specifying AMP Power Series Connectors:

- Is there an existing competitive product being replaced?
- Current and voltage rating requirements
- Wire size requirement
- Single-pole or 2-pole housing requirement
- Volume of contacts to be crimped – impacts recommended application tooling and contact packaging
- Required accessories

Industry Applications:

Power Supplies

AC/DC Power Supply
 AC/DC Power Converter
 UPS Backup Power Units
 Portable Power Supply
 Power Strips
 AC Power Cord
 Power Junction Boxes

Rechargeable Battery Applications

Emergency Lighting
 Battery Chargers

Automotive & Emergency Accessories

Power Winches
 Snow Plows
 Battery Jumper Cables

Power Distribution Modules

Floors
 Under Counters
 Bus Bar Units

Material Handling Equipment

Fork Lift Trucks
 Electric Pallet Jacks

Telecommunications

Telecom Rectifier
 Telecom Power Plant
 Remote Site Battery Backup

Office Furniture Wiring Systems


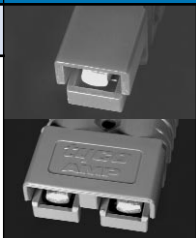


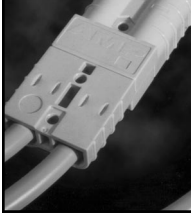
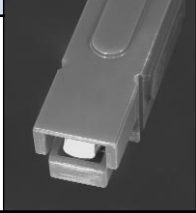


Modular Office Panels

Electric Vehicles

Sweepers
 Electric Cars
 Golf Carts
 Wheel Chairs

Radio Systems

Radio Installers
 Commercial Radio Manufacturers
 Gel Cell Battery
 New AGM Technology
 Battery Tender, Jr.

	<p>Product Facts</p> <ul style="list-style-type: none"> Single-pole and 2-pole power connectors Built-in interlocking features (dovetails) on single-pole housings allow stacking and wire routing Contact wire range from 12 AWG to 300 MCM Integral stainless steel locking spring in housing for contact retention Hermaphroditic/genderless housings reduce inventory 		<p>Series 120</p> <ul style="list-style-type: none"> Single- and 2-pole housings available Rated at 120 A, 600 V (AC or DC) Wire size 2-6 AWG (single-pole); 2-8 AWG (2-pole) Cold-headed contacts Accessories include retaining pins, reducing bushings, and mounting clamp sets
	<p>Series 15/30/45</p> <ul style="list-style-type: none"> Single-pole modular housing Rated at 15 to 40 A, 600 V (AC or DC) equivalent with competition 15 A contact for use with 16-20 AWG wire 30 A contact for use with 12-16 AWG wire 45 A contact for use with 10-14 AWG wire Accessories include mounting wings, retaining pins, spacers, mounting clamps, cable clamp kits and Pak housings 		<p>Series 175</p> <ul style="list-style-type: none"> 2-pole housing Rated at 175 A, 600 V (AC or DC) Wire size 1/0-4 AWG Cold-headed contacts Accessories include reducing bushings, battery handle, manual release for battery & mounting half, dust cover, charger key, and cable clamps
	<p>Series 50</p> <ul style="list-style-type: none"> 2-pole housing Rated at 50 A, 600 V (AC or DC) Wire size 6-12 AWG Choice of cold-headed or stamped and formed contacts Accessories include reducing bushings, stain relief cable clamps, dust cover, and plastic handle 		<p>Series 180</p> <ul style="list-style-type: none"> Single-pole modular housing Rated at 180 A, 600 V (AC or DC) Wire size 1/0-4 AWG Cold-headed contacts Accessories include mounting clamps, retaining pins, and reducing bushings
	<p>Series 75</p> <ul style="list-style-type: none"> Single-pole modular housing Rated at 75 A, 600 V (AC or DC) Wire size 6-12 AWG Choice of cold-headed or stamped and formed contacts Accessories include mounting wings, mounting clamp sets, retaining pins, and reducing bushings 		<p>Series 350</p> <ul style="list-style-type: none"> 2-pole housing Rated at 275 A, 600 V (AC or DC) Wire size 1/0-300 MCM Cold-headed contacts Accessories include reducing bushing, battery handle, manual release for battery and for truck or charger, charger key, dust cover, and battery clamp

Summary Chart

Series	Housing Type	Stackable Housing	Current Max. (A)	Voltage, Max. (V, AC or DC)	Cold-Headed Contact (AWG)	Stamped & Formed Contact (AWG)	Housing Colors	Product Information Flyer
Series 15	Single-Pole	Yes	15	600		16-20	Blue, Black, White, Red Green, Yellow, Orange, Gray	1654450
Series 30	Single-Pole	Yes	30	600		12-16	Blue, Black, White, Red Green, Yellow, Orange, Gray	1654450
Series 45	Single-Pole	Yes	40*	600		10-14	Blue, Black, White, Red Green, Yellow, Orange, Gray	1654450
Series 50	2-Pole	No	50	600	6, 8, 10-12	6-10, 10-12	Red, Gray, Blue, Black, Yellow	1309169
Series 75	Single-Pole	Yes	75	600	6, 8, 10-12	6-10, 10-12	Blue, Black, White, Green, Red (Single-Pole)	1309336
Series 120	Single-Pole	Yes	120	600	2, 4, 6		Blue, Black, White, Green, Red (Single-Pole)	1654458 (Single-Pole)
Series 120	2-Pole	No	120	600	2, 4, 6		Blue, Gray (2-Pole Battery)	1309414 (2-Pole Battery)
Series 15	2-Pole	No	175	600	1/0, 1, 2, 4		Blue, Gray, Orange, Yellow, Red	1654204
Series 180	Single-Pole	Yes	180	600	1/0, 1, 2, 4		Blue, Black, White, Green, Red	1654512
Series 350	2-Pole	No	320**	600	1/0, 2/0, 3/0, 4/0, 300 MCM		Blue, Green, Red, Yellow, Orange, Gray	1654205

*Performance equivalent to competition
 **Tested to 275 amps with 4/0 AWG wire