SY® Power Connectors

SY® Power Connectors and Contact Tips

The **SY® Power Connector** is designed for use as a power quick-disconnect in automotive, RV, and marine applications, as well as other high-current DC charging circuits.

SY® connector housings are genderless and mechanically keyed by color—connectors of the same color and size are mated together by simply flipping one over. The keyed design visually and physically prevents accidental cross-mating.

Features

- UL rated for 600 volts
- Single-piece impact-resistant Polycarbonate Lexan® housings
- Superior tolerance to extreme cold and heat
- Solid copper contacts are plated with 99.9% pure silver for maximum conductivity with low resistance
- Unique "ramplock" action allows contacts to be easily mated yet securely locked in position
- Integral tempered 301 stainless steel springs maintain constant pressure on the contacts to ensure consistent, low resistance connections and resist vibration arcing
- Self cleaning design keeps conductive surfaces corrosion-free
- Heat-treated, flared barrels readily accept fine stranded wire

Applications

- Marine, auto, and RV accessories
- Jumper cables and harnesses
- Equipment and Service Trucks
- Allows one connection system to meet multiple needs



1 gauge

1/0 gauge

Gauge

1/0 gauge

2/0 gauge

3/0 gauge

4/0 gauge

Contacts

SY175-TIP-1

350 Amp Part Number

SY175-TIP-1/0

SY350-TIP-1/0

SY350-TIP-2/0

SY350-TIP-3/0

SY350-TIP-4/0



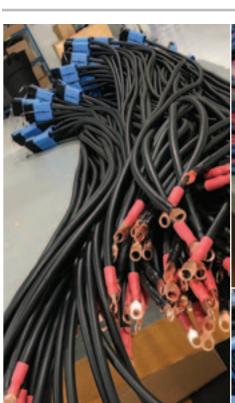
-20°C TO 105°C



Power Connector Service Kit available on page 68



Custom Power Connector Cables, Protective Covers







Protective SY Covers

Black Polycarbonate Cover

Housing Size Part Number 175 Amp STC905 350 Amp STC906

Black Rubber Cover

Housing SizePart Number350 AmpSTC902-BLK175 AmpSTC903-BLK50 AmpSTC904-BLK

Red Rubber Cover

 Housing Size
 Part Number

 350 Amp
 STC902-RED

 175 Amp
 STC903-RED

 50 Amp
 STC904-RED



Custom Power Connector Cables

Polar Wire Cables and Harness Systems are built with premium cold weather **Arctic Ultraflex Blue**® and **Arctic Superflex Blue**® flexible wire.

Get the specific cable configurations you need, properly

crimped and shrink sealed for best performance and longevity.

Quality checked at every step. Fast turnaround. Call us to order!

LIFETIME