



HPC 350A BESS CONNECTOR

TE Connectivity (TE)'s HPC Series focuses on Battery Energy Storage System (BESS) to provide the higher safety and reliability solution with one pole 350A/1500V high current connector. Bringing the one-piece molding contact, HPC 350A connector provides excellent temperature rise control capability. Meanwhile, HPC 350A connector installed with high performance temperature sensor (optional) to support 24hrs system safety monitor. The smart locking system with 180° in-line design, provides 360° rotation, quick lock and press to release function to support convenient and fast assembly of large volume connectors on site.

BENEFITS

- Reliability: Excellent temperature rise control
- Flexible: Provides for flexible cable assembly
- Smart locking system supports easy unlocking in field
- Supports intelligent safety monitoring with sensor
- Safety and reliability for outdoor use with IP67 protection
- Helps avoid wrong plugging with coding and two colors

FEATURES

- One piece contact
- Connector supports 360° rotation
- Locking with 180° in line design
- Equipped with temperature sensor (optional)
- Touch resistant
- Protection degree: IP67
- Two color solution: orange, black
- Two coding to provide for error prevention

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APPLICATIONS

- BESS application

MECHANICAL

- Quicklock
- Temperature sensor

ELECTRICAL

- 1500V
- 350A

MATERIALS

- PA66
- Cu

STANDARDS

- UL 4128
- IEC 61984
- TUV PPP 51090B:2023

PART NUMBERS

Part Number	Part Description	Part Number	Part Description
H1131000501-000	HPC-350-095-F-P-OR-01-A	H103111050A-000	HPC-350-M-R-OR-01-B-W
H1131001501-000	HPC-350-095-F-P-BK-01-A	H103111150A-000	HPC-350-M-R-BK-01-B-W
H1131010501-000	HPC-350-095-F-P-OR-01-B	H103110050C-000	HPC-350-M-R-OR-01-A-S
H1131011501-000	HPC-350-095-F-P-BK-01-B	H103110150C-000	HPC-350-M-R-BK-01-A-S
H103110050A-000	HPC-350-M-R-OR-01-A-W	H103111050C-000	HPC-350-M-R-OR-01-B-S
H103110150A-000	HPC-350-M-R-BK-01-A-W	H103111150C-000	HPC-350-M-R-BK-01-B-S

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