

Han® S 450 Plus



Pushing Performance
Since 1945



Description

We are pleased to inform you about the brand-new product called Han® S 450 Plus - reliable and waterproof connectors for energy storage systems. The new energy industry is rapidly moving toward higher voltage platforms. In response, we have expanded our Han S offering to higher voltage and amperage capacities, while also meeting industry safety demands.

Links to Other Materials



- [B2B Product Pages](#)
- [Product Highlight](#)

Specs

- Red, black, orange, and blue
- 2000VDC
- Up to 500A
- IP67 and IP69k when mated
- -40...+125°C
- Snap fit and secondary locking mechanism for DNV standards
- Busbar and screw terminal options
- UL1977 1000VAC
- UL4128 2000VDC
- IEC 61373-2010 cat. 1, class B
- EN 45545-2:2020 + A1:2023 R22/R23 (HL1/HL2/HL3)

Markets

- Machinery
- Smart Infrastructure
- Robotics
- Energy

Applications

- Battery energy storage systems
- Mobile machinery
- AGVs
- Outdoor machinery
- Mining power conversion
- Data center power boxes

Feature

Advantage

Benefit

- | | | |
|-----------------------------|---|--|
| ■ Secondary locking feature | ■ Optional locking feature integrated into standard locking lever | ■ No need for additional part numbers
Necessary feature for DNV standards or where security feature is needed |
| ■ Integrated coding | ■ Prevention of mating incorrect connectors together | ■ Increased safety for operator
■ Eliminate failure due to mis-connect |
| ■ IP69k & outdoor rated | ■ Enables use in highly aggressive environments | ■ Fast installation in the harsh environments
■ Longer lifetime |