



Amphe-PV H4 Plus™ Cable Connector

BACKGROUND

As solar power generation grows world-wide, medium to large-scale industrial and commercial installations of photo-voltaic modules must now be compliant with several national and regional electrical and mechanical safety standards, and be cost-efficient in order to be viable in the marketplace.

PROBLEM

Due to the wide selection of DC interconnect solutions and choices available in the PV market, EPCs must choose a manufacturer that is reliable and always strives to improve its technology.

AIO SOLUTION

Introducing the Amphe-PV H4 Plus™ PV Cable Connector from Amphenol Industrial Solar Technologies (AIST), a robust DC connector dual rated to UL and TUV 1500V specifications. The Amphe-PV H4 Plus™ is an evolution of AIST's well-known H4 and UTX connectors. Amphenol's RADSOK® contact technology has the ability to accept wire gauges from 14AWG/2.5mm² to 8 AWG/10mm², and an IP68 rating. As an enhancement over the H4's ratcheting gland nut tool, a torque-limiting ratchet is now integrated into the connector body. By using gland nuts, environmental gaskets, wire-retention collets, and contacts that accept multiple wire gauges, part count goes down and volume discount is realized.