



An **IDEAL** Company

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SPEC Pak® Connector Series

Anderson Power Products® (APP), a leader in high power interconnect solutions, introduces its SPEC Pak (Sealed Power For Environmental Connections) connector series, designed for use wherever a rugged or waterproof high power, signal and ground interconnect solution is required. The seal on the SPEC Pak connector shell is rated as IP68, making it totally protected against dust and the effect of immersion between 15 centimeters and 1 meter.

SPEC Pak is a highly configurable, rugged, environmentally sealed family of connectors. The IP68 shell conforms to industry standards for flammability and weather-ability. The core contact technology housed within the SPEC Pak shell has been proven reliable for more than 50 years. These contacts accommodate wires from 24 to 3/0 AWG (0.25 to 85.0 mm²) and are capable of handling from 15 to 310 amps per contact at 600 volts (UL), AC/DC. Combining the power, signal and ground contacts with the wide array of colored touch safe Powerpole® housings provide engineers thousands of design options for the most demanding applications.

The core technology within and protected by the SPEC Pak is APP's popular Powerpole® connector, which features dovetailed housing that allows customers to interlock multiple housings into a vertical or horizontal connector. Powerpole offers a broad selection of standard and finger proof color-coded housings allowing versatility for power, signal and ground design flexibility.

The customer-configured SPEC Pak connectors are ideal for use in mass transportation, off-road vehicles, factory automation, oil and petro-chemical exploration, agricultural equipment applications and alternate energy applications. SPEC Pak users benefit from such advantages as economical total installed cost, excellent size to power performance ratio, ease of assembly, and practically endless options for customer configurability.

With decades of proven reliability at cost effective prices, Powerpoles offer extensive options for designers of power, signal and ground connections. When Powerpoles are combined within the SPEC Pak, the result is a powerful environmental interconnect for use in a vast array of demanding applications.