



News Release

FOR IMMEDIATE RELEASE

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New PS2 Series plug-and-play connector saves battery installation and maintenance time...



HIROSE DESIGNS NEW PLUG-IN CONCEPT FOR STORAGE BATTERY CONNECTION

SIMI VALLEY, CA — October 2, 2014 — Hirose, a leader in the development of innovative connector solutions, has developed a new plug-in connector designed to simplify assembly, installation and future maintenance of storage batteries. The new PS2 Series connector's plug-and-play design eliminates on-site cable wiring reducing worker exposure to electrical lines. The connector also reduces maintenance time by eliminating the need for disconnecting and reconnecting wires to the battery module.

The PS2 Series connector features a hybrid design with power contacts supporting 100 to 300 Amps and signal contacts up to 5 Amps. The first-mate / last-break contact design is utilized to provide sequential power and signal mating.

The power contacts of the PS2 have multiple contact springs with a crown shape which decreases contact resistance and heat generation to achieve a higher current carrying capability. This design also ensures secure contact under vibration endured in harsh environments.

The PS2 Series connector utilizes floating screws that absorb misalignment during mating in X and Y directions up to +/-2.5mm. The floating structure supports a quick and easy plug-in connection. Signal contacts are easily terminated via the reliable crimp method.

Available in three versions, 100A, 200A and 300A power rating models, the PS2 Series connector offers up to 42 positions. The RoHS-compliant PS2 Series connector has an operating temperature range of -40°C to +105°C. The 300 Amp power rated current version has a signal rated current of 5 Amps; a power rated voltage of 1000V AC and signal rated voltage 300V AC; power rated contact resistance of 0.3m ohms and signal rated contact resistance of 35m ohms; and an insulation resistance of 5000M ohms minimum at 125V DC.

For additional information about the PS2 Series connectors, please visit: www.hirose.com/us.

ABOUT HIROSE ELECTRIC

Hirose Electric Co., Ltd. is a leading global supplier of innovative interconnects, with sales of over \$1 billion to customers worldwide. Hirose employs advanced engineering services, superior customer support and worldwide manufacturing capabilities to provide value-based connector solutions for various industries including: industrial, telecommunication, consumer electronics, computer and automotive. More information can be found on Hirose Electric's corporate website at www.hirose.com/us.