

Article Overview

Leading companies in high-voltage intelligent distribution boxes include Huawei, Hangyue Intelligent Electric, Rawsuns, HIITIO, and Würth Elektronik, offering solutions for industrial, commercial, and EV applications.

Key Companies and Offerings

Huawei Enterprise provides intelligent power distribution solutions that enhance transparency, monitoring, and safety in power distribution networks, focusing on greener and more stable energy consumption experiences. Hangyue Intelligent Electric is a national "Little Giant" enterprise in China, specializing in R&D, manufacturing, and EPC services for high and low voltage switchgear, distribution boxes, bus ducts, and intelligent power distribution software for voltages up to 35KV. They collaborate with global companies like ABB and Siemens, offering advanced intelligent distribution solutions and recognized manufacturing facilities such as the "Diamond Disc Factory". Rawsuns manufactures high-voltage distribution boxes primarily for electric vehicles, featuring functions like power distribution, current measurement, short-circuit protection, charge/discharge control, pre-charging, and emergency stop. Their designs emphasize compact structure, centralized distribution, low-induction bus circuits, and anti-electromagnetic interference for reliable operation. HIITIO is a Chinese manufacturer of high-voltage PDUs and junction boxes for commercial, industrial, and residential energy storage systems, as well as electric and hybrid vehicles. They focus on custom solutions, rigorous testing, and worldwide distribution, ensuring performance, reliability, and safety. Würth Elektronik offers HV PDUs for mobile machines and commercial vehicles, supporting voltages from 60 VDC to 1000 VDC. Their units integrate switching, protection, and battery management functions in compact, corrosion-proof enclosures. They provide flexible housing options, customizable connectors, and additional control and diagnostic functions, making them suitable for electric vehicle power distribution.

Considerations for Selection

When choosing a high-voltage intelligent distribution box supplier, consider:

- o Voltage range and application (industrial, EV, energy storage)
 - o Integration capabilities (battery management, control modules, diagnostics)
 - o Safety and reliability features (short-circuit protection, insulation, EMI shielding)
 - o Customization and support (housing, connectors, software integration)
 - o Global presence and certifications (ISO, collaboration with ABB, Siemens, or Schneider Electric)
- These companies provide a range of solutions from industrial power grids to electric vehicle applications, combining intelligent monitoring, safety, and compact design for efficient high-voltage power distribution.



High Voltage Intelligent Distribution Box Manufacturer

The high voltage solutions for power distribution developed and produced by Würth Elektronik ICS ideally complement the

Discover high-quality Power Distribution Units from a leading China PDU manufacturer. HIITIO offers custom solutions, competitive

Intelligent Distribution Box Through its wide-voltage and wide-temperature design, high level of integration, intelligent diagnostic

Below you will find our selection of High Voltage Power Distribution Units, each designed to meet the demands of modern

The High Voltage Power Box combines the functionality of an Onboard Charger (OBC), a DC/DC converter and a PDU

Leading overseas intelligent electrical and clean energy system solutions provider. Deepen

The HangyueHZMX series intelligent distribution box is a new generation intelligent distribution box developed by Hangyue Electric.

Benefits of our High Voltage Box Our modular and versatile HV Box houses three modular components:

The intelligent power distribution system presented in this paper improved the technology of the equipment in box-type

Full range of low voltage solutions to connect, protect, and control a wide range of electrical installations and

Hangyue Intelligent Electric is a national specialized and innovative "Little Giant" enterprise integrating R&D, manufacturing, sales,

We have a complete portfolio of industrial technology products for customers in utilities, industry, transport and infrastructure

Standard products: Portable / Stackable / Panel Our certificates Looking for the best custom power

Enhance performance and safety with our customizable high voltage distribution systems, engineered for

Metal Distribution Box Manufacturers Why Choose EWJ Founded in 2021, EWJ focuses on delivering high



High Voltage Intelligent Distribution Box Manufacturer

It realizes intelligent load management of the distribution box, monitors and alarms for electric energy, current, voltage, power,

Web: <https://bssoda.pl>

