



Two- or Three-Line Intelligent Integrated Power Supply

The ICT IntelliCharge Series is a high efficiency DC power supply with integrated battery charger that allows the battery charge to be regulated independently from ...

We provide a comprehensive portfolio of Intelligent Power Modules (IPMs) covering a wide range of semiconductor technologies, package types, and voltage/current ratings.

Traditional power supply designs use analog ICs with fixed functionality to provide regulated power. The intelligent power supply integrates a microcontroller (MCU) or Digital Signal Controller (DSC) for a ...

The module integrates two power stages and two inductors with trans-inductor voltage regulation (TLVR) options, while maintaining high efficiency and reliable operation.

Abstract: Two or more high-voltage isolated power supplies are required for many high-voltage applications, such as in microwave generating and ion implantation. Traditionally, several ...

Reduce design time and effort with the STPOWER portfolio of highly integrated, high-efficiency power modules for flexible, compact, and robust solutions ranging from tens of watts to several kilowatts.

The module should have a range from 2.0 - 2.3V/cell in float mode & 2.2 - 2.5V/cell in boost mode to meet the requirement of VRLA as well as conventional batteries.

DIP and Mini DIP-IPMs are intelligent power modules that integrate power devices, drivers, and protection circuitry in an ultra compact dual-in-line transfer-mold package for use in driving small ...

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STMicroelectronics has developed the SLLIMM (Small Low-Loss intelligent molded module) family of compact, high-efficiency, dual in-line intelligent power modules ...

onsemi supplies Intelligent Power Modules (IPMs), including inverter IPMs, compact IPMs, and 2-in-1 PFC IPMs.

Its advantages are high reliability, easy management, easy maintenance, easy operation, fast installation and implementation. It is a truly safe, stable, intelligent and efficient power supply system, ...



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Web: <https://www.maxtools.co.za>

