

The invention relates a portable multifunctional power supply for emergency repair, which is characterized by comprising a rectification unit, a first DC (direct current)-DC converter, a storage battery and an inverter, wherein the input end of the rectification unit is connected with a generator or commercial power, so that input 220V AC (alternating current) is converted into ...

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supply to supply power for the M CU controller and other devices. 4.2 Temperature Detection Circuit The temperature detection circuit is the application circuit of the temperature sensor and realizes

The invention discloses a multifunctional solar portable power supply. The power supply comprises a casing, the bottom of the casing is movably connected with an adjustable support of a folded structure, the front side of the casing is provided with a touch button and two large-power LED lamps in symmetrical distribution, one side of the casing is provided with a 5V Mini USB ...

The invention discloses a portable multifunctional power supply system which comprises an alternating current commercial power input line, a storage battery input part, a first rotary ...

A portable multifunctional power toolbox, which relates to the technical field of toolboxes. There is an instrument grid cover on the upper port of the instrument wiring grid, and the instrument grid cover is connected to the upper opening side of the instrument grid and the instrument wiring grid through a connecting strip. Labels and handles are respectively arranged on the instrument ...

Multifunctional DC regulated power supply. PDW Series On sale Outline; Feature; Specification; Lineup & Accessory; Download; The PDW series is a dropper-type, low-noise, low-ripple, multi-output, high-resolution DC stabilized power supply. All models are equipped with an electronic load function (CH1 and CH2, CH1 model only CH1), allowing power ...

A multifunctional portable power bank includes a main body having a circuit board and a battery arranged therein. The circuit board includes a first control unit, a second control unit connected to the first control unit, and a wireless transmission unit connected to the second control unit. The first control unit controls an input voltage of an external power supply and an output voltage of ...

the system reliability, 12V switching power supply should be selected. The application of 5V voltage power

supply is obtained by reducing 12V power, through the use of capacitive filter and the three-end integrated voltage stable voltage regulator LM7805 to stabilize, then output stable +5V DC power supply to supply power for the MCU controller ...

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The design of a portable multifunctional charger is presented in this paper. The charger supports two charging modes of 220 V alternating current and 12 V DC. The 12 V ...

1:We are a high-quality factory specializing in the production of industrial socket box power distribution box power inspection boxes, our product quality is very reliable and durable and has been certified by relevant agencies 2:Wide range of applications: site construction, automation equipment, production workshops, chemical plants, engineering railways, outdoor construction ...

Company profile: Shenzhen EcoFlow Innovation Technology Co., LTD. (EcoFlow) was founded in 2017, headquartered in Shenzhen, with marketing, sales and after-sales divisions in Europe, Japan and Silicon Valley ...

1 Introduction With the development of modern science and technology, inverter power supplies are widely used in various industries, which puts forward higher requirements on their performance. Traditional inverter power supplies are mostly analog control or digital control systems. A good inverter power supply voltage output waveform mainly includes high steady ...

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In this study, we used a microcontroller to provide and control power to multiple sources using the highly efficient energy storage provided by the direct current (DC) bus of a ...

The invention discloses a multifunctional handle and a portable energy storage power supply, wherein the multifunctional handle comprises a handle body, an illuminating piece and an assembly component, wherein the handle body is provided with a holding part; the illuminating piece is arranged on the handle body; the assembly component is arranged on one side, far ...

The present invention relates to a multifunctional portable power supply device which supplies charged power to various devices. Various components for power storage are arranged in a body unit formed in a case

structure or are formed in a structure to be coupled thereto and separated therefrom, thereby improving portability. Also, a battery unit can be charged by a photovoltaic ...

The invention discloses a multifunctional automobile emergency starting power supply compatible with 12 voltages and 24 voltages. The multifunctional automobile emergency starting power supply comprises a shell, an electric control device and an electric core assembly, wherein a display screen is arranged on one surface of the shell, and a desk lamp is arranged on the ...

A portable multifunctional mobile power supply is ultrathin and has a small size, and thus is highly portable. The portable multifunctional mobile power supply is provided with a micro 5-pin output cable and an Apple 8-pin output cable, such that the mobile power supply can charge multiple mobile phones or both a mobile phone and a tablet computer at the same time, and ...

In the last two decades, the notion of multifunctional composites has sparked a lot of studies. Creating fully multifunctional components that can carry out structural and non-structural functioning in composites will be a huge step forward. The emergence of "textile structural power composites" has resulted from creating rigid, robust, and lightweight ...

?HIGH POWER BULB & PROFESSIONAL MATERIAL?: The handheld flashlights adopt a high power bulb, which can reach the brightness of 1000 lumens at most, and it can illuminate any dark place. It is made of high-strength engineering abs plastic and aluminium alloy, fully enclosed structure, explosion-proof, dust-proof, shockproof, ipx5 waterproof ...

This paper presents the design of a portable, multiple-output, adjustable DC power supply based on synchronous Buck and Buck-Boost converter topologies. Powered by a Li-ion battery pack ...

The invention discloses a portable multifunctional portable power supply. The portable multifunctional portable power supply comprises an input power supply portion, a...

Figure 1: Block diagram for the Portable Solar Mobile Phone Charger. The power source of this system is solar radiation that is converted into electricity by a solar panel. The supply received from the solar panel's output is a DC. DC-DC conversion using a power electronic converter called a

A portable multifunctional power bank device includes a built-in battery, a protection circuit, a charger, a DC to AC Inverter, and a LED lighting circuit. ... F -- MECHANICAL ENGINEERING; LIGHTING; ... Portable power supply USD903585S1 (en) * 2018-03-30: 2020-12-01: 7Rdd Limited: Jump starter

ference on Nuclear Engineering (ICONE) (2017). 13. ... Multifunctional portable power supply system integrating a TECL, high-performance TEG, and power management circuit.



Engineering portable multifunctional power supply

The invention relates to the field of energy storage and charging, and particularly provides a multifunctional bidirectional portable energy storage power supply, which comprises: MCU management controller: the system comprises a bidirectional inversion module, a first DC manager, a second DC manager, a wireless charging module, a BMS management battery ...

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