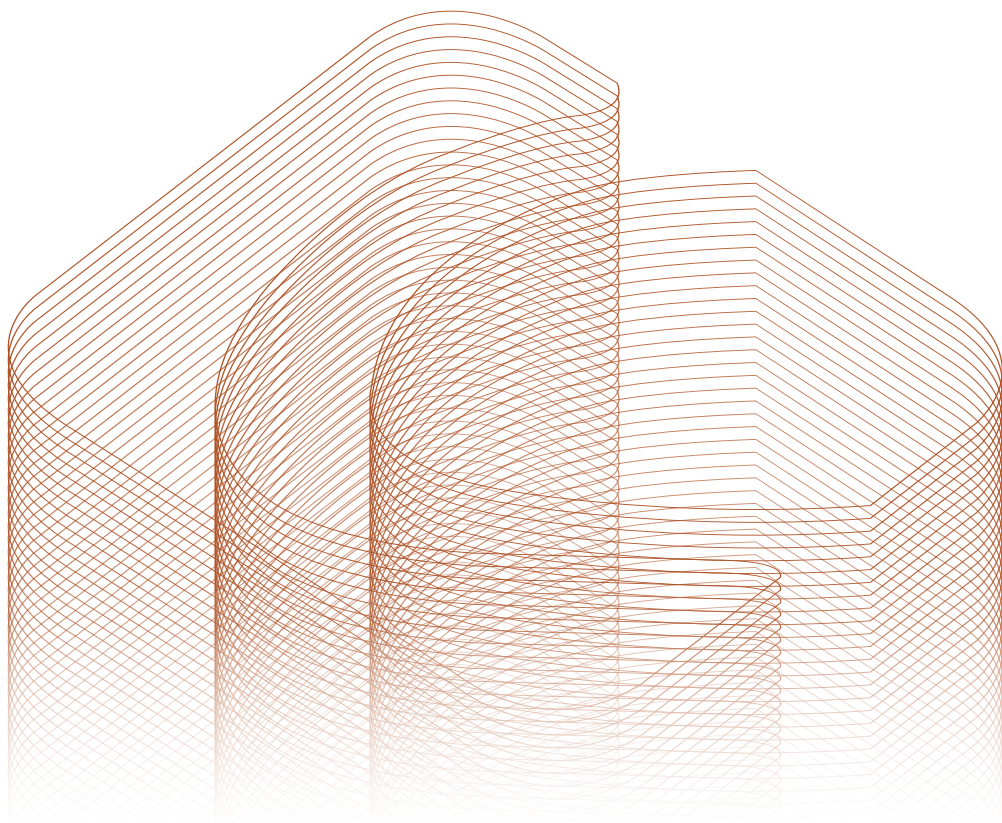




驻车电源

PARKING POWER SUPPLY

25V 238Ah



产品外观 >>>

Appearance



驻车电源是为房车、货车等旅居场景设计的专用电力系统，能在车辆熄火后持续为生活设备供电。其核心采用循环寿命长、安全性高磷酸铁锂电池，并配备智能管理系统，支持行车、市电、太阳能等多种充电方式。系统可通过逆变器输出220V交流电，安全可靠地驱动空调、冰箱等电器，显著区别于启动电瓶，有效提升户外生活的用电自由与安全性。

The parking power system is a dedicated electrical solution designed for travel scenarios such as RVs and vans, capable of continuously powering living appliances after the vehicle engine is turned off. Its core utilizes lithium iron phosphate (LiFePO₄) batteries known for long cycle life and high safety, integrated with an intelligent management system that supports multiple charging methods including driving, mains power, and solar energy. The system delivers 220V AC output via an inverter, safely and reliably operating appliances like air conditioners and refrigerators. Distinct from starting batteries, it significantly enhances both power autonomy and safety for outdoor living.

产品特点 >>>

Product Features

1 稳健耐用, 超长寿命

Robust and durable, with an extended lifespan.

得益于其优异的深度循环特性, 电池在反复使用中衰减极慢, 赋予了电源系统卓越的循环寿命。

Thanks to its excellent deep-cycle characteristics, the battery shows extremely slow degradation during repeated use, thereby endowing the power system with outstanding cycle life.

2 动态补电, 智控管理

Dynamic recharging, intelligent control management

支持行车充电模式, 实现高效的智能补能, 并通过智能电池管理系统进行精准的充放电管控与优化, 保障电池安全、延长使用寿命。

It supports in-motion charging mode, enabling efficient and intelligent energy replenishment. Through a smart battery management system, it ensures precise charge-discharge control and optimization, enhancing battery safety and extending service life.

3 稳定供电, 设备无忧

Stable power supply, worry-free operation of devices

平稳释放电力, 保障车载冰箱、空调等设备稳定运行。

Steadily release electricity to ensure the stable operation of equipment such as vehicle-mounted refrigerators and air conditioners.

4 多重防护, 安全保障

Multiple protections, safety guarantee

系统为安全层层设防, 严密监控各类用电异常, 确保用户在车内等小型封闭空间内也能用电安心无忧。

The system implements multiple layers of safety protection, rigorously monitoring all types of electrical anomalies to ensure users can utilize power with peace of mind even within the confined space of a vehicle.

规格参数 >>>

Specification

型号/Model

LVDE6KP6K

基本信息/Basic Information

电池类型/Type of battery	方形磷酸铁锂/Square lithium iron phosphate
电池包配置/Battery pack configuration	2P8S
电池包数量/Number of battery packs	2
容量/Capacity	238Ah
工作电压范围/Operating voltage range	20.8V-29.2V
标称电压/Nominal voltage	25.6V

直流输出/Direct-current output

额定功率/Rated power	4000W
额定电压/Nominal voltage	25.6V
额定电流/Rated current	160A

常规参数/Standard Parametes

尺寸/Dimensions	483mm*409mm*220mm (外形尺寸/Dimensions of the shape) 483mm*409mm*227mm (最大外形尺寸/Maximum overall dimensions)
重量/Weight	≈50KG (以实物为准/kind prevail)
电池温控方式/Battery Temperature Control Method	自然冷却/Natural cooling
防护等级/Protection Level	IP67
使用寿命//Service life	≥4000cycles, 0.5P@25°/25°,80%DOD
工作温度范围/Working Temperature Range	-30 - 50°C
最高工作海拔/The highest working altitude	3000m
通讯/Communication	CAN/RS485

应用场景 >>>

Application scenarios

1 房车旅居的“能量核心”

The "Energy Core" for RV Traveling

在脱离市电(离网)环境下,为旅居生活提供持续、稳定、安全的电力保障。

In an off-grid (off-grid) environment, it provides continuous, stable and safe power supply for the traveling life.



2 户外创作的“移动片场”

The "Mobile Studio" for Outdoor Content Creation

解决摄影师、视频博主等创作者在野外进行拍摄、直播时的“电量焦虑”。

Eliminates "power anxiety" for photographers, video creators, and other content producers during outdoor shoots and live streams.

3 家庭应急的“安心保障”

The "Peace of Mind Guarantee" for Household Emergencies.

在因自然灾害或故障导致突发停电时,为家庭维持关键设备的运转,保障基本生活和安全。

During unexpected power outages caused by natural disasters or equipment failures, it ensures the operation of essential household devices, safeguarding basic living needs and security.





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