

家庭储能系统

Home Energy Storage System

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安全高能 铁锂电芯



主要特点

多功能混合逆变器，集成PV、MPPT充电器、DC/AC转换器
 支持离网操作方式
 智能能源管理系统，LCD显示屏可观测系统实时状态
 电池模组采用最优质电芯，磷酸铁锂/三元锂离子，先进的BMS电池管理系统保障系统安全高效
 通过安装储能系统，最大化自发自用，节省电费
 可作为紧急停电时备用电源，独立于电网，不受费率影响

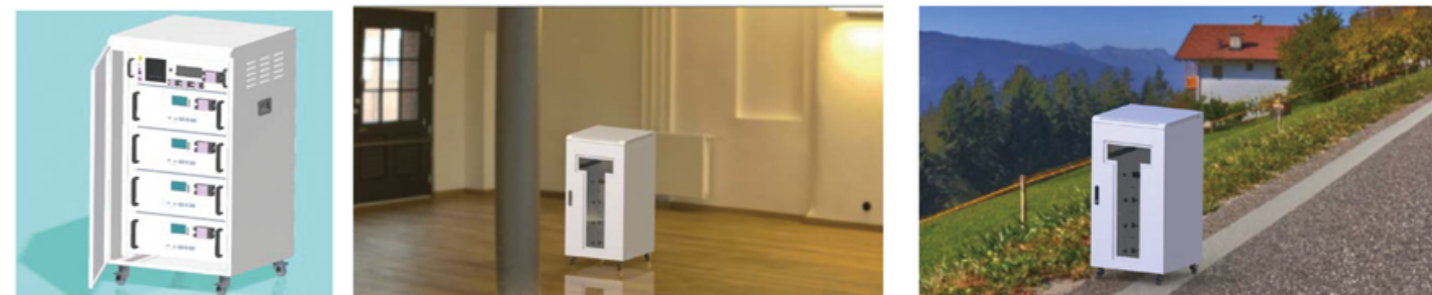
Main features

Multi-function hybrid inverter, integrated PV、MPPT、DC/AC converter.
 Support off-grid operation.
 Intelligent energy management system EMS, LCD display system can observe the real-time status.
 Battery module using the best quality batteries, lithium iron phosphate, advanced BMS management system to ensure safe and efficient system.
 Through the installation of energy storage systems, to maximize self-use, saving electricity.
 Can be used as an emergency power supply standby power, independent of the grid, free from the impact of the rate



Residential Energy Storage System

Items	HESS-Powerbox-5.0	HESS-Powerbox-10.0	HESS-Powerbox-15.0
Nominal Capacity [Ah]	100	200	300
Nominal Voltage [V]	51.2	51.2	51.2
Working Voltage[V]	40-58	40-58	40-58
Module QTY	1	2	3
Nominal Battery Energy[kWh]	5.1	10.2	15.3
Max Output Power[kW]	5	5	5
Inverter Power[kW]	5	5	5
Communication	CAN/RS485		
System Net weight[kg]	Approximately: 105	Approximately: 140	Approximately: 185
Mechanical Boundary[mm]	D600×W600×H1100mm		
Operating Temperature range[°C]	Charging: 0° C~ 50° C; discharging: -20~55°C		
Humidity	5~85%RH, No condensation problems		
Installation Type	Indoor		



•Configure different power requirements by increasing the number of battery modules.