



Equatorial Guinea smart string energy storage system

Smart String Energy Storage System More Usable Energy 100% Depth of Discharge Pack Level Energy Optimization Safe & Reliable Lithium Iron Phosphate (LFP) Cell ... 0.2C rate charge & discharge at 25°C, at the beginning of life. If no PV modules are installed or the system has not detected sunlight for at least 24 hours, the minimum end of discharge ...

The energy storage system achieves 5% more usable energy and 10%+ higher yields, reducing maintenance costs by auto-sync battery SOC with no need for manual site visits. Huawei FusionSolar provides new generation string inverters with smart management technology to create a fully digitalized Smart PV Solution.

Huawei smart string ESS provides solar energy storage for required moments. Independent energy optimization brings 10% more usable energy and flexible expansion. 4-layer protection redefines power storage safety. Huawei FusionSolar provides new generation string inverters with smart management technology to create a fully digitalized Smart PV ...

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|-----------------------|--------|---------------------------|------|-------------------|--------------|-----------------------|------------|---------------------------------------|--------|---|-------------|
| Battery module energy | 5 kWh | Number of battery Modules | 1 | 2 | 3 | Battery usable energy | 1 | 5 kWh | 10 kWh | 15 kWh | |
| Max. output power | 2.5 kW | 5 kW | 5 kW | Peak output power | 3.5 kW, 10 s | 7 kW, 10 s | 7 kW, 10 s | Nominal voltage (single phase system) | 450 V | Operating voltage range (single phase system) | 350 - 560 V |
| | | | | | | | | Nominal voltage (three phase system) | 600 V | | |

Smart String Energy Storage System. Flexible investment with 5kWh modular design, scalable from 5kWh to 30kWh 100% depth of discharge (DoD) More usable energy with pack level energy optimization Safe & reliable performance with Lithium Iron Phosphate (LFP) cell Auto detected by App Compatible with both single & three phase inverter

ESS are designed to complement solar PV systems and provide reliable and sustainable power. FusionSolar's ESS solutions are modular, scalable, and adaptable to different energy demands and applications. Huawei FusionSolar provides new generation string inverters with smart management technology to create a fully digitalized Smart PV Solution.

The smart string energy storage system is a revolution in energy storage, merging digital, photovoltaic, and energy storage technologies. The system incorporates energy storage equipment, an intelligent controller, and a management platform for optimal control.

System Dimensions (W x H x D) 670 x 600 x 150 / 63.8 kg. 670 x 960 x 150 / 113.8 kg : 670 x 1320 x 150 / 163.8 kg. Battery module weight: 50 kg . Installation method: Floor (standard), wall-mounted . Max working altitude: 4000 m (2000 m De-rating above) Batteries. LiFePO4. Scalability: Parallel operation of up to two



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systems

Smart String Energy Storage System. 100% Depth of Discharge. Pack Level Energy Optimization. More Usable Energy. Safe & Reliable. Lithium Iron Phosphate (LFP) Cell. Compatible to Both Residential . Single & Three Phase Inverter. Quick Commissioning. Perfect Compatibility. Automatically Detected in App. Easy Installation. 12 kg Power Module. 50 ...

Auto-detection of system equipment o Registering your plant by scanning any device o Energy flow illustration o Real-time data at anytime from anywhere o Performance data back -up. Improved O& M Experience o Physical & logical module layout o Module-level performance management* o Smart I -V Diagnosis. Convenient & Reliable ...

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