

## SOLE 5000

### Smart energy storage system

The SOLE 5000 home energy storage system made of lithium-iron-phosphate battery cells (LiFePo4) with a nominal capacity of 5.12 KW.H at 51.2 VDC / 100AH, is the ideal storage system for small and medium-sized households.

Parallelable up to 16 modules, you can achieve a total capacity of up to 81.9 kWh.

Our home storage modules can be combined with all leading single and 3 phase inverters and thus form an ideal energy storage box for storing excess solar energy and releasing it again when required (e.g. at night).



- **High Reliability** : 6000 cycles guaranteed
- **Maximum Safety** : IEC 62619 by **Dekra**
- **Flexible Use** : Compatible with all common single and 3 phase inverters
- **Easy Use** : Plug-in available
- **All-in-one Design** : One battery Floor / Wall / Stack mounted
- **Smart Operation** : IoT monitor and upgrading

#### FFD Power Tec Co., LTD

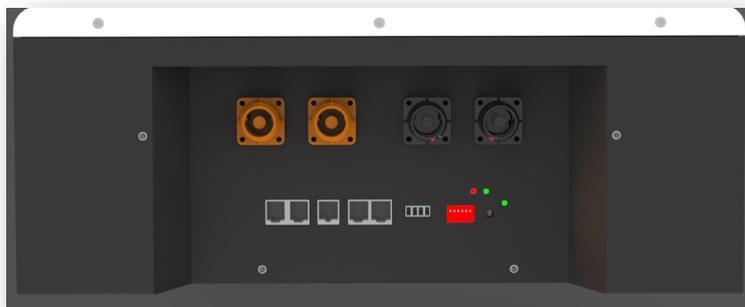
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## Technical data

Model	SOLE 5000
Battery Type	Lithium-iron-Phosphate (LiFePo4)
Usable Storage Capacity	5,12 kWh
Nominal Voltage	51,2 VDC
Standard Charge and Discharge Current	50A
Max. Charge and Discharge Current	100A
Dimensions [L.W.H mm]	520 x 446x 176
Weight	50 kg
IP-Standard	IP 21
Ambient Temperature	Charge: 0°C--55°C Discharge: -20°C--55°C
Cycles	≥6000 cycles with 80% DoD
Communication Interface	RS232 / CAN / RS 485
Approvals and Standards	IEC62619 / UN38.3 / CE-EMC & LVD/CEI 021
Installation Method	WALL /STACK / FLOOR MOUNTED
Warranty	10 years
Possible Applications	OFF-Grid + Plug-in ( Expandable to Hybrid)



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