

Serie UE-I 24LI2900I


ENERGY STORAGE SYSTEM



Features and Benefits

24LI2900I is a good alternative to the lead-acid battery and a perfect match for grid applications in areas with limited or no grid access.

It is scalable from 40.96 kWh.

 **High Security LFP**
Control and balancing of the cell level.

 **19" inches**
Easy installation and maintenance.

 **Modular Design**
Flexible expansion.

 **Wide Compatibility**
Compatible with all major inverter brands.

Specifications

Cell technology	Li-ion (LFP)
Capacity of battery module	2.9 kWh
Voltage of battery module	25.6 V
Capacity of battery module	100 Ah
Number of cells in the battery module	8 uds
Battery cell capacity (Wh)	320
Battery cell voltage	3.2 VDC
Battery cell capacity	100 Ah
Battery module Number of cells in series	8 PCS
Charging voltage of battery module	28.5
Discharge current of the battery (A)	50 (recommended) / 130 (max 30min)
Battery charging current	50 (recommended) / 75 (max 40min)
Depth of discharge	90%
Dimensions	481*221*133mm
Communication	CAN/RS485/Wifi (Optional)
Contamination level	II
IP Grade	IP 20
Weight	23kg
Operating temperature	Charge 0°C ~ +55°C / Discharge -20°C ~ +55°C
Humidity	5% ~85% HR (No condensation, the system works well)
Storage temperature	-10°C ~ +35°C



[1] Test conditions: 0.2C Charge/Discharge, @25°C, 80% DOD

