

# Serie UE-I 48LI5120I

## ENERGY STORAGE SYSTEM



### Features and benefits

48LI5120I has a larger capacity design for residential and commercial storage applications.

Up to 50 batteries can be connected in parallel to meet the needs of more users.


The optional OTA function enables remote update & easy monitoring.

Powerful, high capacity and modular

 **LFP de Alta Seguridad**  
Control y equilibrado del nivel de la célula.

 **19" pulgadas**  
Fácil instalación y mantenimiento.

 **Diseño Modular**  
Expansión flexible.

 **Amplia Compatibilidad**  
Compatible con las principales marcas de inversores.

### Specifications

Nominal battery power	5.12 kWh
Nominal capacity	100 Ah
Nominal voltage	51.2 V
Operating voltage	44.8-57.6V
Recommended charge and discharge rate C	0.5C
Recommended charge/discharge current	50A
Max. charging power/discharge current	75A
Peak load power/discharge current	100A (15 s)
Depth of discharge	95%
Net weight	44 kg
Dimensions	481*535*140 mm
Charging temperature	0°C ~ 55°C
Discharge temperature	-20°C ~ 55°C
Communication	CAN/RS485/RS232
Useful life <sup>[1]</sup>	≥ 6000 cycles
Level of protection	IP20
Expansion	Up to 50 units in parallel
Pros	Can be used in both stand-alone and hybrid installations. Compact design.
Certificates and safety standards	UN38.3/CE-EMC/IEC62619
Compatible inverters	MasterPower / SMA / Victron / Ingeteam / Delios / Goodwe / Solis / Deye / SAJNoltronic/ Sungrow etc.

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

