



The Pytes Pi LV1 Stackable Series is a cutting-edge solar battery system that offers exceptional performance and reliability. Its compact design makes it perfect for applications with limited installation space, while its long service life and robust construction make it ideal for use in harsh environments. The battery system is designed to be easy to install, saving time and effort for the user. Additionally, its ability to connect multiple battery stacks in parallel allows for expanded capacity and the ability to meet higher power demands, making it a versatile and adaptable solution for a wide range of applications.

In summary, the Stack Pi LV1 Series is a top-of-the-line solar battery system that offers exceptional performance, reliability, and safety. Its compact design, long service life, and ability to connect multiple battery stacks in parallel make it a versatile and adaptable solution for a wide range of applications. With its durable construction, advanced safety features, and use of LifePo4 technology, the Stack Pi LV1 Series is a smart choice for anyone looking for a high-performance battery system that is easy to install and maintain.

# Pi LV1

## SPECIFICATIONS – Battery module

Nominal Voltage	51.2V
Nominal Energy	5.12kWh
Voltage Range	47.5V ~ 57.6V
Nominal Capacity	100Ah
Continuous Discharge	50A
Continuous Charge	50A
Cycle Life	≥ 6000cycle
Ambient Temperature	-10°C~55°C
Round-Trip Efficiency	≥ 95%
Heating Pad	Around 10°C
Chemistry	LFP
Communication Protocol	CAN / RS232
Protection Level	IP55
Warranty	10 years
Scalability	5.12kWh ~ 30.72kWh per stack Up to 4 stacks



Nominal Energy	10.24kWh	15.36kWh	20.48kWh	25.6kWh	30.72kWh
Recommend Power	5.12kW	7.68kW	10.24kW	10.24kW	10.24kW
<b>Dimensions</b>					
Length (mm)	681	681	681	681	681
Width (mm)	242	242	242	242	242
Height (mm)	800	1060	1320	1580	1840
Weight (kg)	130	187	244	301	358



### Smart Design

The Pytes Pi LV battery has a unique stylish design with a high level of safety features built-in.



### Powerful

Up to 10.24kW continuous output



### Safe

LFP Chemistry  
Field Proven BMS  
Integrated in individual modules  
DC Breaker & Fuse Adapter



### Greater Scalability

Flexible configuration from 10.24 ~ 30.72 kWh per stack  
Up to 4 stacks



### Outdoor Rated Enclosure

IP55 rated Water & dust proof for both indoor and outdoor use



### 10 Year Warranty

Supplied with a full manufacturer's warranty.