

# SIPT Split Energy Storage System

4KW 5kWh / 6kW 5kWh

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110/220V  
AC output
- 

AC/Solar Charge
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Lithium iron  
phosphate battery pack
- 

Pure sine  
wave output



## Product Introduction

SIPT energy storage system is one of a series of industrial energy storage products designed and developed independently. Long cycle life, high safety standard BMS software protection, sturdy shell, beautiful appearance, easy installation and use, etc. Widely used in various energy storage systems.

## Product features

- 1 The module is non-toxic, non-polluting and environmentally friendly.
- 2 Cathode material is made from LiFePO4 with safety performance and long cycle life.
- 3 Battery management system (BMS) has protection functions including over- discharge, over-charge, over-current and high/low temperature.
- 4 The system can automatically manage charge and discharge state and balance voltage of each cell.
- 5 Adopted self-cooling mode rapidly reduced system entire noise.
- 6 The module has less self-discharge, up to 6 months without charging it on shelf, no memory effect, excellent performance of shallow charge and discharge.
- 7 Multi-functional LED intelligent digital screen display

## Product Parameters

Model	SIPT 4KW 5kWh	SIPT 6KW 5kWh
<b>Battery parameters</b>		
Module model	51.2V100Ah	51.2V100Ah
Battery type	LFP IP16S	LFP IP16S
Nominal capacity	5.12kWh	5.12kWh
Nominal voltage	51.2V	51.2V
Working voltage	43.2-58.4V	43.2-58.4V
<b>PV input</b>		
PV array mppt voltage range	12-30V/30V-150V	12-30V/30V-150V
Maximum solar charge Current	10A/30A	10A/30A
<b>AC input</b>		
Voltage	120VAC/240VAC	120VAC/240VAC
AC input current	15A/10A	15A/10A
<b>AC output</b>		
AC output	120V16.7A/120V16.7A/240V16.7A	120V20A/120V30A/240V30A
<b>DC output</b>		
DC output	12V30A/5521x2(12V10A)	12V30A/5521x2(12V10A)
Type-c	PD 100Wx1/ 30Wx1	PD 100Wx1/ 30Wx1
USB	QC3.0	QC3.0
<b>Overall parameters</b>		
Communication	RS485,Bluetooth,RS232	RS485,Bluetooth,RS232
Storage temperature	-20°C~55°C(Recommended)	-20°C~55°C(Recommended)
Working humidity	< 95%(RH)No Condensation	< 95%(RH)No Condensation
Working temperature	-10°C~40°C	-10°C~40°C
Working altitude	≤2000m	≤2000m
Cooling method	Fan cooled	Fan cooled
Protective class	Ip20	Ip20
Weight	75kg	80kg
Dimension	550x285(315)x850(995)mm	550x285(315)x850(995)mm
Design life	10 Years(25°C)	10 Years(25°C)
Cycle life	>6000(25°C),80%DOD	>6000(25°C),80%DOD