

# EnerStack100

The EnerStack100 outdoor stackable batteries require no complex wiring and can be easily stacked for immediate use. With an IP65 protection rating, they can be deployed outdoors, avoiding taking up indoor space. An online intelligent operation and maintenance system makes home energy management more worry-free and reliable.

## Features

-  Foolproof installation
-  Efficient deployment
-  Future ready
-  Intelligent operation and maintenance
-  Targeted prevention and control
-  IP65 waterproof design



## EnerStack100

### ATESS ESS-BM-51.2-100CPB-S

Configuration	16S1P
Rate capacity	100Ah
Rate energy	5.12KWh
Rate voltage	51.2V
Voltage range	44.8~57.6V
Rate charge/discharge	0.5C
Max. charge/discharge	0.65C
AC internal resistance	≤8mΩ
Dimension(W/H/D)	690mm*170mm*525mm
Weight	55Kg
Cell chemistry	LiFePO4
Cooling method	Fan air cooling

### Battery cluster specification

Energy code	BS30	BS35	BS40	BS46	BS51	BS56	BS61
Module Number	6	7	8	9	10	11	12
Weight	308kg	356kg	404kg	464kg	512kg	560kg	608kg
Dimension(W/H/D)mm							

Normal capacity	100Ah
Normal Energy/KWh	5.12n (n=Module Number)
Normal Voltage/V	51.2n (n=Module Number)
Voltage Range/V	44.8n~57.6n (n=Module Number)
Recommended charge&discharge current	50A(0.5C)
Max. charge&discharge current	65A(0.65C)
Depth of discharge	90%
Cycle life	≥6000 cycles
Charging temperature range	0°C~55°C
Disharging temperature range	-20°C~55°C
Communication	CAN/RS485
Protection grade	IP65
Fire extinguishing system	Aerosol
Installation method	Stacked installation
Cooling method	Smart air cooling
Max. altitude	3000m

### Certificate

CE,CB,UL,UN38.3,IEC62619,MSDS,ROHS