



# 100kWh DC Energy Storage System

- High security
- Stable operation
- Intelligent temperature control
- Automatic fire fighting system

## MODULE INTRODUCTION

PERFORMANCE SPECIFICATIONS	
Model	HZEB-HCT-100
Cell type	LiFePO4
Nominal Energy	100.35kWh
Nominal Capacity	280Ah
Nominal Voltage	358.4V
Operating Voltage Range	313.6~403.2V
Combination Method	1P112S
Charge and Discharge Current	140A
Discharge Depth	Max100% (Suggestion80%)
System Protection Rating	IP54
Installation Environment	Out Door
Cooling Method	Air Cooling
Operating Temperature	-10°C~55°C (> 45°C derating)
Operating Humidity	5%~90%RH (non-condensing)
Operating Altitude	< 2000m
Cycled Capacity	6000Cycles
Dimension	1295*1335*2085mm
Weight	1280kg
Module Parameters	
Cell Type	LiFePO4
Nominal Energy	14.336kWh
Nominal Capacity	280ah
Nominal Voltage	51.2V
Recommended Current	140A
Maximum Current	140A
Cooling Method	Fans Cooling
Charging Temperature Range	0°C~55°C
Discharging Temperature Range	-10°C~55°C
Module Protection Rating	IP54

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- High-security technology ensures stable and excellent performance
- Compatible with multiple inverters including Sungrow DEYE Solis Growatt Voltronic
- It provides highly efficient energy solutions for household scenarios and small commercial scenarios