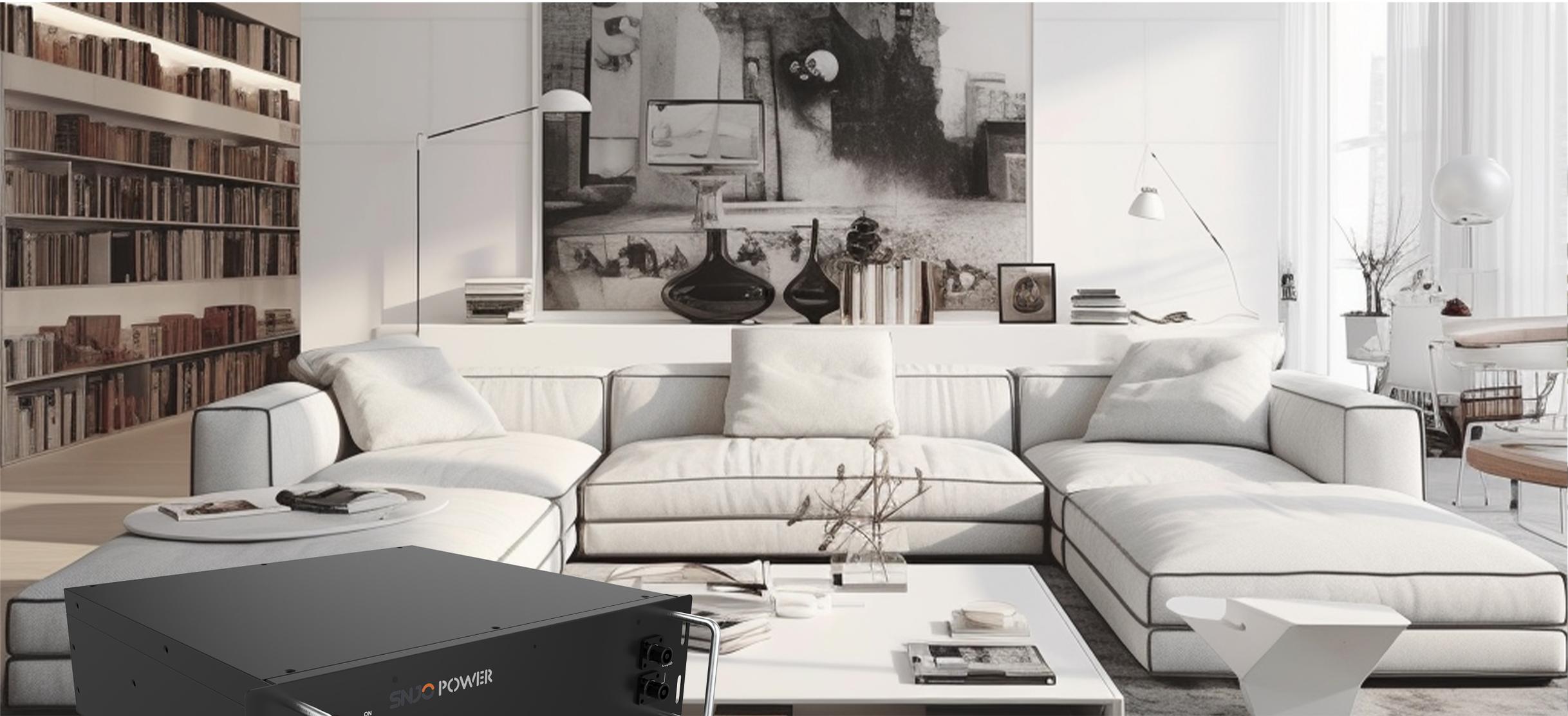


48V BATTERY PACK



Easy Installation
& Safety Operation



High Performance
& Efficiency



Perfect Compatibility
& Expandability



Long-life lithium-ion
battery

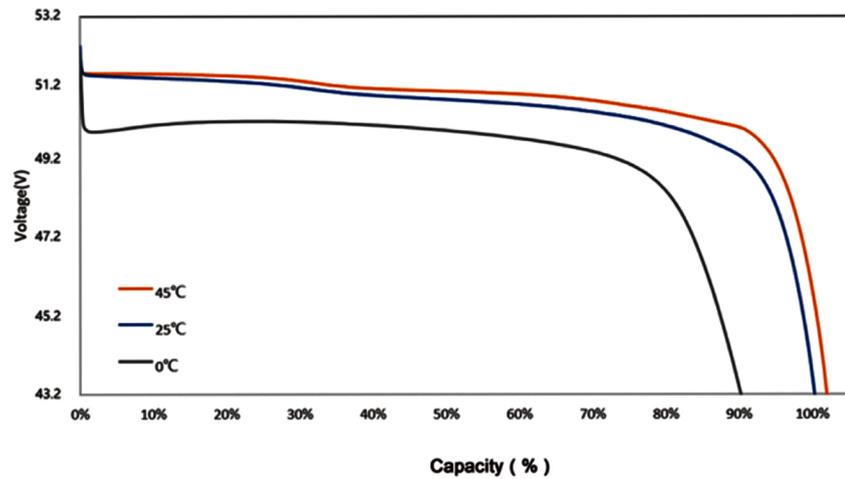
MODEL **STP48V100-G2**

Item	
Nominal Voltage	48.0V
Capacity	100Ah@0.2C,25°C
Energy	4.8kWh@0.2C,25°C
Dimensions(W*D*H)	442*400*13mm
Weight	39.0±0.5kg
Charge Voltage	54.0V
Standard Charge Current	20A@25°C
Max. Continuous Charge Current	100A@25°C
Standard Discharge Current	20A@25°C
Max. Continuous Discharge Current	100A@25°C
Discharge Cut-off Voltage	40.5V
Operating Temperature	Charge:0~+60°C;Discharge:-20~+60°C
Allowed Humidity Range	0~95%RH
Protection Class	IP20
Cycle Life	≥6000 cycles @80% DoD

MODEL **STP51V100-G2**

Item	
Nominal Voltage	51.2V
Capacity	100Ah@0.2C,25°C
Energy	5.12kWh@0.2C,25°C
Dimensions(W*D*H)	442*400*13mm
Weight	41.0±0.5kg
Charge Voltage	57.6V
Standard Charge Current	20A@25°C
Max. Continuous Charge Current	100A@25°C
Standard Discharge Current	20A@25°C
Max. Continuous Discharge Current	100A@25°C
Discharge Cut-off Voltage	43.2V
Operating Temperature	Charge:0~+60°C;Discharge:-20~+60°C
Allowed Humidity Range	0~95%RH
Protection Class	IP20
Cycle Life	≥6000 cycles @80% DoD

Discharge Curve @0.2C, Different temp



Cycle Times vs. DOD in HESS Scenario at 35°C

