

Module Introduction

48V100AH 4800WH



 *All-time monitor*

 *Safety for home*

 *Long Lifespan*

 *Flexible capacity*

 *Easy Installation*

Normal

Model	OT4810015
Battery Type	LifePO4(LFP)
Nominal Voltage(V)	48V
Nominal Capacity(WH)	4800WH
Usable Capacity(WH)	4320WH
Design Life	10+ Years (25°C/77F)

Physical

Dimension(mm)	480*443*133
Weight(kg)	42.4

Electrical

Cycle Life	>6000 cycles @25°C ± 2°C, 80%DOD
Discharge Voltage(V)	42
Charge Voltage(V)	53.25
Charge/Discharge Current(A)	50A(Recommended) 100A(Max)
Internal Resistance	≤30mΩ

BMS

Power Consumption	<2W (Work) <100mW(Sleep)
Monitoring Parameters	System voltage, Current, cell voltage, cell temperature, module temperature
SOC	Intelligent algorithm
Communication	CAN/RS-485

Operation

Operating Temperature Range	Charge Temperature 0°C~60°C; Discharge Temperature -20°C~60°C;
Transport or Storage Temperature Range	-20°C~45°C
Humidity	15%~85% (No Condensing)

Warranty

Product Warranty	5 Years
Performance Warranty	10 Years

Work With

