

MEGATRON®



Lithium Battery Energy Storage System

The MEGATRON® THS15 is a high-performance Lithium Iron Phosphate (LiFePO₄) energy storage system designed to provide reliable, large-scale power backup for residential and commercial applications. With a substantial 14.34kWh rated energy capacity, this unit is engineered to handle heavy electrical loads, making it an ideal solution for sustaining critical appliances and systems during extended outages.

Technical Specification

Model	THS15
Nominal Voltage	51.2 V
Rated Capacity	14.34 kWh
Size	798*440*265mm
Weight	130.5 kg
Maximum Operating Current	200A
Design Life	≥10 years
Charge Power	7168W
Discharge Power	10240W
Cycle Times	≥6000 cycles @ 70% DOD, 25° C, 0.5C
Working Temperature	-20°C ~ 55 °C
Operating/Storage	≤95%RH
Max Operating Altitude	≤2000m
Cell Technology	LiFePO ₄ , LithiumIronPhosphate
IP Rating	IP21
Certification	UN38.3, MSDS

UN38.3

