MEGATRON®

16.07kWh Energy Storage Battery

The MEGATRON® THS16 is a high-performance, floor-standing 51.2V Lithium Iron Phosphate (LiFePO4) battery module designed for premium energy storage systems. Combining an integrated Battery Management System (BMS) for balanced protection with a robust 16.07kWh capacity, this unit is perfectly engineered to provide reliable backup power and seamless energy independence. It is an ideal, high-capacity solution for demanding residential properties, off-grid setups, and light commercial applications looking to optimize solar usage or secure a dependable safety net against load shedding.

Technical Specification

Model	THS16
Nominal Voltage	51.2 V
Rated Capacity	16.07 kWh
Size	440*265*890mm
Weight	140 kg
Maximum Operating Current	150A
Design Life	≥10 years
Charge Power	8003W
Discharge Power	8003W
Cycle Times	≥6000 cycles @ 80% DOD, 25° C, 0.5C
Working Temperature	-20℃ ~ 55 ℃
Operating/Storage	≤95%RH
Max Operating Altitude	≤2000m
Cell Technology	LiFePO4, LithiumIronPhosphate
IP Rating	IP20
Certification	UN38.3, MSDS

UN38.3 MSDS

MEGATRON GROUP OF COMPANIES (PTY) LTD - 2024/373656/07
WWW.MEGATRONSA.COM - 52 ASHFORD ROAD, PARKWOOD, JOHANNESBURG, 2193, GAUTENG