

Energy Storage LV Lithium Battery

TENGI Energy Storage Lithium Battery is floor mount and movable with universal wheels, it is compatible with a variety of off-grid/grid-tied hybrid inverters and most of the home energy management system, suitable for renovation of original residential grid-tied systems, or areas without (weak) power grid. Flexible, efficient and customized products and services, it is friendly to residences to build a clean, independent and economic micro-grid. Easy installation, with a plug and play solution that can save valuable time for installers.



Smart Control

Wi-Fi & Bluetooth Connection
APP/PC Real-time Monitoring



Plug and Play

Simplify installation and
operation and maintenance



Safe and Reliable

With Grade A new battery cells,
Multi-protection from BMS of
listed company



Efficient

0.5C charge and discharge rate
can achieve 80% EOL



Long Life

Long cycle life ≥ 6000



High Protection Level

IP54 rated design for indoor or
outdoor use

Technical Specifications

Performance	
Model	ZXJC-DY03-16
Nominal Voltage	51.2Vdc
Nominal Capacity	314Ah
Nominal Battery Energy	16.076kWh
Working Voltage	40~58.4Vdc
Nominal Charge/Discharge Current	157A
Max Charge/Discharge Current	314A
Nominal Power	7500W
Communication	
Communication	RS232, RS485, CAN
Compatible Inverters	INVT / Sinexcel-isuna / Deye / ASW / Growatt / SRNE / PYLONTECH / Goodwe / Megarevo / MUST / SOFAR / LUXPOWER / CPSYPOWER / VICTRON etc.
General Specification	
Dimension(W×D×H mm)	500mm × 350mm × 950mm
Weight	120kgs
Working Temperature	-20°C ~ 50°C
IP Rating	IP54
Deep of Discharge	≤ 95%RH
Max Operating Altitude	≤ 3000m
Cell Technology	LiFePO4 Lithium Iron Phosphate
Cycle life	≥6000 Cycles @ 80% DOD/25°C/0.5C,60%
Humidity	0%-95%
Storage temperature	0°C ~ +40°C(< 1 year), -20°C ~ 0°C(≤ one month), +40°C ~ +45°C(≤ one month)
Warranty	10 years
Standard Compliance	
Certification	CE, EN/IEC 61000, EN 62619, EN 62368, UKCA BS62368, UN38.3(more available upon request)