



**EKOTEK**  
ENERGY

OVER  
**73.7<sup>MWh</sup>**  
Lifetime  
Production

TRUST EKOTEK'S  
HIGH CAPACITY BATTERY WITH A  
+15-YEAR DESIGN LIFE AND 8000+  
AT 80% DOD

**15 kWh+**  
**5 Year Warranty**  
**LiFePO<sub>4</sub>**



**15** kWh+  
POWER  
LiFePO<sub>4</sub>

## PRO FLOW 15 kWh+

Lithium Ion LiFePO<sub>4</sub> Battery

ET-303-512/300B

### Features:

- Packed with high performance LFP single cell, long life, safety and wide temperature range
- High energy density, small size, light weight, no pollution
- Packing with single cell container, fire retardant wire and laser welding, stable and safe
- Built-in BMS, with battery voltage, current, temperature and health management
- LED indicate the battery SOC and operating status
- LCD Screen display the battery voltage, current, temp.,SOC detail information
- Support communication with solar inverter by CAN or RS485
- Set different communication protocols through LCD touch screen
- Update software by RS485 port
- Support both standing and wall-mounted application
- More than 15 years design life
- Stable performance, maintenance-free

**3.6" LCD SCREEN**

**48V SYSTEM VOLTAGE**

**100A DISCHARGE**

**WIRELESS CONNECTIVITY THROUGH APP**

**WALL MOUNT**

**+ FLOOR STANDING**

**CONNECT UPTO 16 or 64 BATTERIES IN PARALLEL**





PRO FLOW 15 kWh+		
BATTERY SPECS		
Battery Chemistry		LiFePO <sub>4</sub>
Voltage	Nominal @ 25 °C ~ 0.2 °C	51.2 V
Capacity	Nominal @ 25 °C ~ 0.2 °C	300 Ah
Energy (Wh)		15336 Wh
Module Weight ±0.5 kg		152 kg
Dimensions (W x D x H) mm, ±2 mm		730 x 870 x 180 (mm) by BYD cell
Cell Serial Number (pcs)		16
OPERATING PARAMETERS		
Voltage Range		44.8 V ~ 56.8 V
Charging Voltage		56 ± 0.8 V
Charging Current		100 A Maximum
Discharging Voltage		44.8 V
Discharging Current		100 A
Peak Discharge (25°C)		600 A, 3 S
Recommended Depth of Discharge		80.0%
Display		3.6 inch LCD display, Set protocol on LCD; 4 LEDs for SOC 1 LED for Run status 1 LED for ALM
BATTERY MANAGEMENT SYSTEM		
Communication Port (can be customized)		CAN, RS485
Scalability (Max. In 1 battery group)		16/64 units in parallel
GENERAL		
IP Rating of Enclosure		IP21
Design Life	Service Life @ 25 °C	> 15 Years
Cycle Life	Service Life @ 25 °C	> 8000 Times
Certifications		MSDS, IEC62619, CE, UN38.3