

OVER
98.3 MWh
Lifetime
Production

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



15 kWh+

8 Year Warranty

LiFePO₄

PRO FLOW II 15 kWh+

Outdoor IP65 Lithium Ion LiFePO₄ Battery

ET-305-512/300IP65

Features:

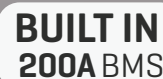
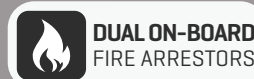
- Packed with high performance LFP single cell, long life, safety and wide temperature range
- High energy density, small size, light weight, no pollution
- Packing with single cell container, fire retardant wire and laser welding, stable and safe
- Built-in BMS, with battery voltage, current, temperature and health management
- LED indicate the battery SOC and operating status
- LCD Screen display the battery voltage, current, temp., SOC detail information
- Integrated with heating function, heat the battery self when the low temperature charging
- Integrated E-stop circuit, support emergency stop function with external E-stop button
- Increase power output, can support constant 200A current
- IP65 grade protection, applicable to indoor and outdoor
- Integrated with fire extinguishing module inside, Prevention of the fire Bus bar inside, and integrated with 4 outputs, flexible parallel expansion
- Support both wall-mounted and standing on ground installation
- Support 64 units in parallel and communicate by RS485/CAN
- Plug-in terminals, Simple connection
- More than 15 years design life
- Stable performance, maintenance-free



**CONTROL PANEL
& CONNECTORS**



LiFePO₄ | IP65 WEATHER PROOF



CONNECT UPTO 64 BATTERIES IN PARALLEL





PRO FLOW II 15 kWh+		
BATTERY SPECS		
Battery Chemistry		LiFePO ₄
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		142 kg
Dimensions (W × D × H) mm, ±2 mm		566 × 880 × 232 (mm)
Cell Serial Number (pcs)		16
OPERATING PARAMETERS		
Voltage Range		43.2 V ~ 57.6 V
Charging Voltage		56 + / -0.8 V
Charging Current		100 A Maximum
Discharging Voltage		44.8 V
Discharging Current		200 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)		64 units in parallel
GENERAL		
IP Rating of Enclosure		IP65
Design Life	Service Life @ 25 °C	>15 Years
Cycle Life	Service Life @ 25 °C	>8000 times
Certifications		UL1973, IEC62619, UN38.3, MSDS, CE