

ENJOYBOT 12V 300AH Lithium Iron Phosphate (LiFePO4) Deep Cycle Rechargeable Battery

Model 971-HE-12V-300AH

• ELECTRICAL PERFORMANCE

Nominal Voltage	12V
Capacity	300 Ah, 3840Wh
Life Cycles	5,000 @ 80% DOD
BMS Board	Yes (Internal)
BMS Rating	200A BMS
Self-Heating Function	No

• CHARGE PERFORMANCE

Standard Charge Current	60A
Max Charge Current	200A
Max Continuous Charge Current	100A
Recommended Charge Voltage	14.2V-14.6V
Maximum Batteries in Series	4
Maximum Batteries in Parallel	10
Maximum Configuration	4S4P

• MECHANICAL PERFORMANCE

Cell Type	Automotive Grade Cells (Prismatic Cell)
Number of Cells	12
Terminal	M8*16mm (L)
Weight	71.21 lbs (32.3kg)
Dimensions	20.55" (L) x 9.45" (W) x 8.58" (H) (522x240x218mm)
Waterproof Rating	IP65

• Discharge Performance

Max Discharge Current	200A
Max Continuous Discharge Current	200A
Recommended Discharge Voltage	10.8V-12.4V
Max Depth of Discharge (DoD)	100%
Max Load/Inverter Power	3840W
Peak discharge current	600A(less than 3 seconds)



• Temperature Performance

Operating Temperature (Charge)	0~50°C (32°F~122°F)
Operating Temperature (Discharge)	-20~60°C (-4°F~140°F)
Operating Temperature (Storage)	-10~50°C (14°F~122°F)

• COMPLIANCE

Certifications	CE, RoHs, PSE, WEEE
Enjoybot deep cycle battery is not designed as a starter battery. Starting engine is not covered under the warranty.	

