

VEX V5 Robot Battery Li-Ion 1100mAh

SKU 276-4811



The V5 Robot Battery Li-Ion 1100mAh is the next evolution of the VEX V5 NiMh Battery, which will provide you consistent performance every time you power up your robot. This Lithium Iron Phosphate (LiFePO4) battery is equipped with circuitry and control to allow for higher sustained power and more reliable function. The V5 System as a whole is designed to produce identical motor performance at any battery charge level. This means that the same battery can be used for multiple competition matches or class periods before needing to be recharged. LiFePO4 batteries are proven to offer longer life cycles, and are safer than Lithium Ion batteries.

- Built-in charge indicator lights
- Charge time is approximately one hour

Battery run time depends on many factors including your robot design, your driving, and the number of motors used. Robots' often get 30+ minutes of heavy drive time from a single charge. Competition teams should be able to use one Robot Battery for multiple matches without recharging. Remember that with V5, a low battery does not change the motor's performance.

Note: Battery power cable and charger not included. (Power cable ships with V5 Robot Brain)

Battery Chemistry	Lithium Iron (LiFePO4)
Approximate Lifespan	2000 full recharge cycles
Nominal Voltage	12.8 Volts
Maximum Current	20 Amps
Maximum Output Power	256 Watts
# Motors at Peak Power	10
Low Battery Performance	Motors output 100% power
Capacity	12.8 Wh
Weight	0.77 lbs (350 g)
Dimensions	1.82" W x 6.31" L x 1.18" H (46.45mm W x 160.45 mm Lx 30.33 mm H)