

# TOYOTA'S 5/35 LITHIUM-ION BATTERIES



## 5/35 Lithium-Ion Battery Advantages

Toyota's 5/35 Lithium-ion Battery is an innovative solution for customers looking for a maintenance-free experience. It is designed and manufactured using Toyota Production System (TPS) to ensure your operation runs as smoothly as your forklift. With an internal thermal management system, Toyota's 5/35 battery can handle hot and cold temperature operations. Available in 24V, 36V, and 48V capacities, there is a Toyota battery to meet your every need.

### BATTERY MANAGEMENT SYSTEM

- Integrated using Toyota's proprietary CAN protocol to communicate critical information to Toyota forklifts and chargers
- Stores a history of key utilization metrics downloadable via the service tool

### LIFTING POINTS

- Integrated lifting points make the battery easy to handle

### ADJUSTABLE SPACER TABS

- Ensures the battery fits each compartment with optimal space tolerances. Eliminates the need for separate battery spacers



### DEDICATED TRUCK CONNECTOR

- Separate charging and truck connector components allow for fast and simple charging

### DUAL A320 CHARGE PORTS

- Ergonomically located on the side of the truck for easy access
- Compatible with single or dual cable chargers. Single cable can connect to either port
- Drive away protection prevents truck operation while charging cable is connected

### BUILT IN COUNTERWEIGHT

- Ensures each battery meets the minimum and maximum truck weight requirements

	VOLTAGE RANGE		
	24V	36V	48V
Battery Compartment (width)	13-14"	14-25"	27-36"
Weight (lbs)	710-170	1630-3390	2020-3307
Battery Capacity (Ah) <sup>1</sup>	456-604	456-912	456-604
Charging Time	1-1.5 hours <sup>2</sup>		
Cycle Life	~5,000 Cycles <sup>3</sup>		
Interface	CAN-Communication Integrated on most models		
Warranty	5 Year; 3,500 Cycles		
Charger	Compatible with Power Designers & ACT Single & Dual Cable Chargers		
Operational Temperature	Discharge: -30° C to 50° C (-22° F to 122° F) Charge: 0° C to 50° C (32° F to 122° F) <sup>1</sup>		
IP Rating	IP 69		
UL Listed	UL2580		

1. Some capacities only available on certain truck models

2. With dual cable fast charger

3. Cycle = Amp Hour (Ah) Rating x 80%