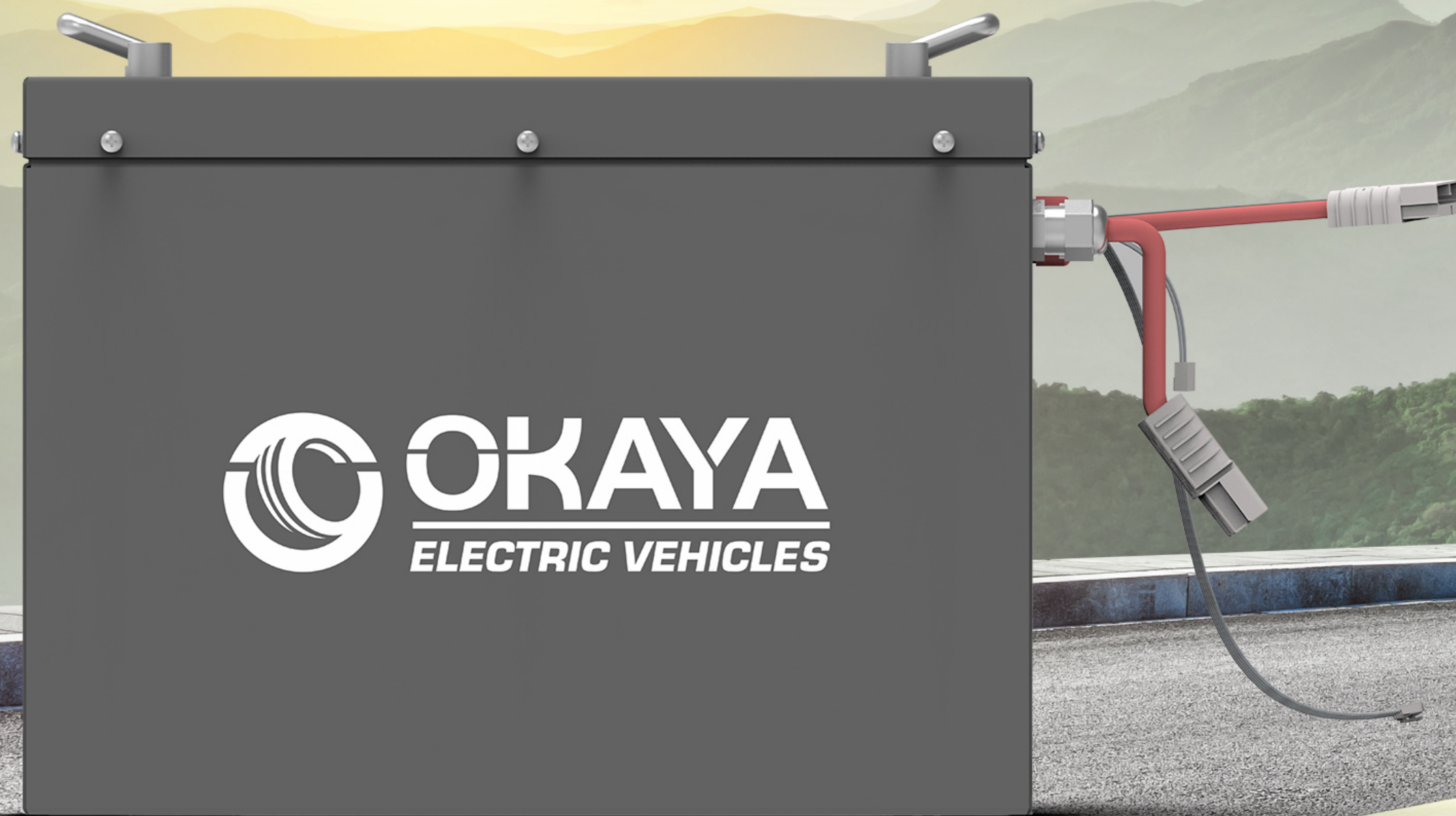


# LITHIUM FERRO PHOSPHATE E-RICKSHAW BATTERY

100Ah To 200Ah



 **RECYCLABLE**  
(RETURN USED BATTERIES) |  **ECO-FRIENDLY**

Long Life | True capacity guaranteed | Efficient Battery Management System | High frequency operations | AIS Certified Battery | IP65/67 | Extendable backup.

# LFP BATTERY

## Technical specification

SPECIFICATION		51.2V/100AH Lithium Battery /3W	60V/100AH Lithium Battery /3W	51.2V/200AH Lithium Battery L5/3W-FAME-2
General	SAP Description	OKAYA LITHIUM POWER DRIVE 51.2V 100AH(K)	POWER DRIVE LIB 60V 100AH SW	OKAYA LI POWER DRIVE 51.2V 200AH (IH)
	SAP Code	FOLLFIE10051P2HS81	FOLLFIPA160P23MS07	FOLLFIE20051P3W3M3
	Model	LFP51100K	LFP60100E	LFP51200IH
	Chemistry of the cells	LFP	LFP	LFP
	Cell type (Cylindrical/Prismatic)	Prismatic	Prismatic	Prismatic
	Cell Nominal Voltage/Ah	3.2V / 100Ah	3.2V / 100Ah	3.2V / 100Ah
Electrical Characteristics	Battery Nominal Voltage	51.2V	60.8V	51.2V
	Battery Nominal Ah	100Ah	100Ah	200Ah
	Total Capacity (kWh)	5.1 kWh	6.0 kWh	10.2 kWh
	Battery Module Configuration	16S 1P	19S 1P	16S 2P
	Continuous Charging Current	50A	50A	65A
	Continuous Discharging Current	80A	80A	150A
	Peak Discharge Current	250A for 20sec	240A for 25Sec	330A for 30s
	BMS Type	Software	Software	Software
	Communication Interface	CAN	CAN	CAN
	Number of Temperature Sensors	2	2	4
	Minimum Voltage Cut-off	@90% DOD	@90% DOD	49V ±1V
	Maximum Voltage Cut-off	57V ± 1V	70V ± 1V	57V ±1V
Mechanical Characteristics	Cabinet Type	Metal Cabinet	Metal Cabinet	Metal Cabinet
	IP Rating	IP65	IP65	IP67
	Connector Type	SB 120 Connector	SB 75 Connector	SB 120 Connector
	Cooling	Passive	Passive	Passive
	Pressure Vent	No	No	Yes
	Thermal Runaway Indicator	NA	NA	Audio Visual Alarm
	Weight	45 kg	56 kg	105 kg
Certification	AIS 156 Phase-2	No	No	Certified
Battery Life	AIS 156 Phase-2	>1500 @80%DOD	>1500 @90%DOD	>2000 @80% DOD

\*Subject to change without prior intimation  
 \*Batteries are customized as per application

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