



अपकी मेहनत का
असली साथी

E-rickshaw
Lithium Battery

 तेज चार्जिंग

 लंबी बैटरी
लाइफ

 एक बार चार्ज
ज्यादा सफर

 बेहतर पिक-अप
स्मूद राइडिंग

 कम
रखरखाव

 स्मार्ट BMS
सुरक्षा

 हल्का वजन
ज्यादा पावर

 कॉम्पैक्ट
डिजाइन

IP67




36

— MONTHS —
WARRANTY

info@vacuna.in | www.vacuna.in | Toll free number : 1800 270 4447

TECHNICAL SPECIFICATIONS

CAPACITY	Chemistry	LFP (LITHIUM IRON PHOSPHATE)
	Battery Model	51.2 V/105AH
	Battery Capacity	51.2 V/105AH
	Battery KWH	5.38
	Estimated Life At 90% DoD at 35 °C	2000 Charge/Discharge Cycles
	Nominal Voltage (V)	51.2
	BMS TYPE	SMART BMS
	No. of cells in Series	16
	No. of cells in Parallel	1
ELECTRICAL	Charging Rate	0.5C
	Discharging Rate	0.8C
	Nominal Charging Time	2 Hrs.
	Upper Voltage level (V)	58
	Lower Voltage level (V)	47
	Connector Common (Charge/Discharge)	YES
	Charge Connector	SB-75
	Discharge Connector	SB-75
	IP Class	IP67
ENVIRONMENT & MECHANICAL	Operating Temperature	0° to 60° C
	Storage Temperature	-20° to 40° C
	Dimensions (mm) LxWxH	615x297x235 590x285x235
	Approx Weight (Kg)	45
	Cooling	Passive
PROTECTIONS	Protections	Over/Under Voltage, Over Current, Short Circuit, Over/Under Temperature, Shock and Bumps & Water
COMMUNICATION INTERFACE	Bluetooth Communication	Yes
	GPS	Optional
Certification	AIS Compatible	YES (Mention Standard Followed in ICAT)



VACUNA offers wide range of batteries which are known for their quality, long-lasting nature and engineering excellence. Manufactured at ISO 9001 and ISO 2015 certified plants, these batteries come in different sizes and can be customized to fit in your Vehicle battery space.

In order to fulfil ECO Friendly and Long life reliable battery packs, we have designed robust batteries with Intelligent BMS based on Lithium & Chemistry. Lithium batteries with SMART BMS are Eco Friendly with unique features i.e life extension, energy density, safety, compact size, cost reduction and Fast Charging.

VACUNA Lithium Batteries are manufactured under stringent quality controls & thereafter goes through high standard QC before reaching our customers.