

SHENZHEN YUYANG NEW ENERGY

EBE-48-50



LOW SPEED EV BATTERY

Features

- LifePO4 Batteries more ideally for your golf carts, tuktuk and low speed vehicles.
- Smaller, lighter, more Powerful and drive longer than Lead acid battery.
- Safe performance with Smart BMS control for high current, voltage, temperature protection.
- Free maintenance, Eco-friendly.
- Most Competitive price with free technical support.
- Support for private Logo for OEM & ODM.
- Compatible with major brands of golf carts controllers.

Model:

ELFBULB Electric Vehicle Battery EBE-48-50



Technical Parameters

Configuration	15S1P	
Rated capacity (@ 0.5C, 77°F / 25°C)	50Ah	
Rated voltage (cell 3.2 V)	48V	
Maximum voltage (cell 3.65 V)	54.75V	
Minimum voltage (cell 2.5 V)	37.5V	
Standard capacity (@ 0.5C, 77°F / 25°C)	≥2400Wh	
SOC status before shipment	SOC 30%±3%	
Self-discharge rate (@SOC 100%, 77°F / 25°C, Loss/Month, @BOL)	Max. 3%	
Safe reliability (Cell)	GBT Certified	
Insulation resistance (@77°F / 25°C ± 41°F / 5°C, RH 50%)	Min20M/1000Vdc	
Cooling mode	Natural(passive)convection	
Working range of SOC	5%-100%	
Protection rating	IP67	
Life cycle (@77°F / 25°C, 0.5C charge, 1C discharge, DOD>50% (SOC) 30-100%)	>3500 cycles	
Remaining capacity at the end of life(according to warranty period, driving pattern, temp. profile, etc)	EOL 70%	
Operating Temperature	Charging working temperature	-4°F ~131°F (-20°C ~ 55°C) (under heating state)
	Discharge working temperature	-4°F ~131°F (-20°C ~ 55°C)
Storage temperature	Short-term (within one month)	-4 ~ 113°F (-20 ~ 45)°C
	Long-term (within one year)	32 ~ 95 °F (0 ~ 35)°C
Weight	33KG	
Dimension	460x334x247mm	