



YOLANESS R-B series battery

YOLANESS R-B4830 series batteries are specially designed for golf carts, which can perfectly replace the traditional lead-acid batteries. R-B4830 is an advanced lithium-ion battery pack with intelligent BMS, which can match the current mainstream Golf models in the market. It can protect your team from overheating, short circuit, overvoltage, etc., thus effectively avoiding potential safety hazards, extending its service life and optimizing its performance.

Features



High Capacity

Up to 10 batteries can be connected in parallel to expand the capacity to 300ah.



Wide compatibility

Compatible with multiple brands of mainstream golf car use.



Provide display function

Provide battery SOC, voltage and current through LED display.



Reliable

10 years life design. Long cycle life and superior performance.



Convenient installation

maintenance-free.



Scalability

Charge and use at any time.

Parameters

Items	R-B4830
Nominal voltage	51.2V
Nominal energy@0.2C	1536Wh
Nominal capacity@0.2C	30Ah
Internal resistance@1khz AC	<50mΩ
Charge voltage range	55.2~57.6V
Float voltage range	55.2V
Allowed MAX charge current	30A
Recommend charge current	10A
Allowed MAX discharge current	30A
Peak discharge current 1	60A
Peak discharge current 2	100A@10S
Short circuit protection	500A@366μs
End of discharge	Load cut off 44.8V Low voltage disconnect 40.0V
Communication	CAN Rs485
IP rating	IP67
Cycle life	>6000 times @80%DOD, 25°C
Weight	~12.5kg (27.5lbs)
Dimension(W*H*D)	260*180*272mm (10.2*7.0*10.7 inch)
Parallel and series connection	Support Max. 10 in parallel, Series connection is not allowed
Terminal and torque	M8 bolt 8-12N·M
Operation altitude	<3000m
Operation temperature	Charge 0~55°C Discharge -20~65°C
Self-discharge rate	≤3%/month
Storage environment recommend	-10°C~40°C
Recommend environment	5~85%RH
Certification	CE / UL2271 / UN38.3 / RoHS / UL2580

