



42.6V22A LiFePO4 Battery Charger

Model: RP4222-LFP



USERS MANUAL

Suitable for Roypow Golf Cart Lithium Batteries only

Roypow (USA) TechnologyCo., Ltd

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WARRANTY INFO:

Serial number _____

Purchase date _____

INSTRUCTION

Thank you for purchasing our product. Please read the entire instruction strictly to use you product.

RP4222-LFP Charger is an economic, high quality 100-240V AC balance charger, designed for charging our golf carts LFP batteries.

Charging program consists of 3 steps: constant current, constant voltage and float charging. The chargers provide protections against overload, over-voltage, over-heating, short circuit and reverse polarity connections.

SPECIFICATIONS

DC Output	
Maximum DC output voltage	42.6V
Maximum DC output current	22 A
Maximum DC output power	1000 W
Nominal DC output current	22A @ 110 VAC, 22A @ 220 VAC
Battery type	Lithium
AC Input	
AC input voltage range	85-270 VAC
Nominal AC input voltage	100-240 VAC
Nominal AC input frequency	50 / 60 Hz
Maximum AC input current	16A
Nominal AC input current	11A
Power factor	>0.9
Mechanical	
Dimensions	28.2 x 16.7 x 11.4 cm (11.1 x 6.57 x 4.5")
Weight	10.4 lbs (4.7 kg)
Cooling	Active cooling with fan
Environmental	
Enclosure	IP66
Humidity	5% — 95%
Operating temperature	-40°C to +65°C (-40oF to 149oF), Derated at >40°C (104°F)
Storage temperature	-40°C to +85°C (-40°F to 185°F)

EXPLANATION OF LED STATUS

Charge Status LED	LED green blinking	The charger is ready to charge
	LED red blinking	The charger is charging
	LED glows constant green	The charging process finishes

If the charger encounters a problem, the fan will stop rotating, and the LED flash red in sequence to alert you the errors. In this case, please disconnect the power cord from the wall socket and unplug the plug from the charger.

WARNING AND SAFETY NOTES

RP4222-LFP Charger is suitable for charging Roypow golf carts LFP batteries, charging other batteries may cause fire or explosion.

Never leave the charger unattended when it is connected to its power supply.

The allowable AC input voltage is 100-240V AC. Never connect it to any other voltage.

Never place the charger and batteries connected to it on any form of flammable surface. Never operate the charger in the vicinity of inflammable material or gas.

Ensure that there is an unrestricted airflow to and from the charger's cooling slots. Never place the charger on a carpet or similar surface.

Take great care to maintain correct battery polarity, and avoid short-circuit. Read the battery manufacturer's instructions and adhere to them strictly.