

Instruction Manual for Rathbone Broadcast Batteries, LLC., High Power Rechargeable Li-ion battery

Model : RBLi-30/15V26-53AFP Features :

1. 15V, 30V individual charging output
2. 15V output to 30V output choose by a switch
3. 4 LED Power Gauge
4. Uses: power cinematograph, laptop editor, high power light, etc.
5. Available capacity up to 52.8Ah, 5 times longer running time than the standard battery which provides up to 10Ah.



Specification: Rating voltage: 15V/30V

Capacity:

15V output: 52.8Ah;

30V output: 26.4Ah

Standard XLR connector: Power high power light, cinematograph and laptop editor directly

Dimensions: 300 x 250 x 110 mm Net weight: 9500g

Build-in intelligent control circuit, multiple protections of temperature, current, voltage and short-circuit.

Discharge voltage: 15V output discharge to 11V , 30V output discharge to 22V (Test data of lab, different equipment have different running time based to different shut-off voltage) .

Charge voltage: 16.8V.

Charged by Rathbone Energy charger RBLi-FP30/15CH (full charge): 480 minutes

Maximum load: 600W

Maximum current: 20A

Power remaining

LED display:	1LED flash	1LED light	2 LEDs light	3 LEDs light	4 LEDs light
Power:	<10%	10-25%	25-50%	50-75%	75-100%

Caution :

1. Please use the battery under the proper environment: -20-50°C and RH <85%.

2. Storage environment:

Duration	Temperature	RH
1 month	-20°C ~ +50°C	45%~75%
3 months	-20°C ~ +40°C	45%~75%
1 year	-5°C ~ +30°C	45%~75%

3. **Do not** short-circuit the battery, do not attempt to open the unit without permission,

5. **Do not** expose the unit in moisture, avoid impact, keep the battery out of fire, heat and high pressure.

6. Keep out away from the children.

7. Please use the specified charger for charging.

8. Please follow the following steps for proper usage:

- * Make sure the equipment has been turned off before further operation.
- * Check the input voltage and current range of the equipment, select correct output voltage by the switch.
- * Connect the battery and equipment by XLR cable.
- * Turn on the equipment for use.

* Please turn off the equipment and disconnect the XLR CABLE after working.

9. Battery should be charged up to 50% of the total power for long-term storage, which cost about 1/3 of the normal charging time. One more recharge up to 50% power is required after stored for 4 months. Please always keep the battery in the dry and cool place.

10. The battery can be supplied power to different kinds of equipment that with XLR connector as long as the input voltage and current range can meet the requirement of the battery.