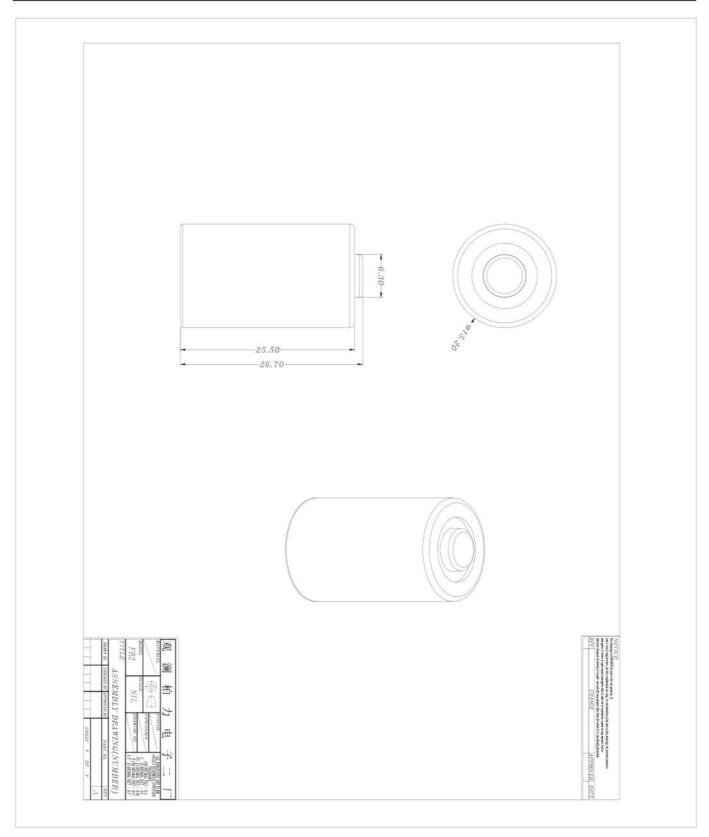
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	The specification is applicable to		Lithium-Fe Rechargeable
	batteries (model no. :		40108).
	Ratings		
•	Racings		
	2.1 Cell		
	2.1.1 Type of Cell	:	Sealed Lithium-Fe Cylindrical Rechargeable battery
	2.1.2 Cell Model	:	IFR15270C25
	2.1.3 Cell Size	:	15270
	2.1.4 Cell Typical Capacity	:	250mAh
	2.1.5 Cell Minimum Capacity	:	200mAh
	2.1.6 Number of cell used	:	1PCS
	2.2 Pack		
	2.2.1 Nominal voltage	:	3.2V
	2.2.2 Typical capacity	:	250mAh (1Wh)
	2.2.3 Minimum capacity		200mAh (1Wh)
	2.2.4 Standard charge	:	50mA x 5.5hrs with 3.6V
	2.2.5 Rapid charge		175mA x 2.5hrs with 3.6V
	2.2.6 Maximum continuous disch	ıa	rge current : 250mA
	2.2.7 Maximum pulse discharge	C	urrent : 750mA for 2SEC.
	2.2.8 Discharge end voltage		: 2.5V
	2.2.9 Replace No.		: CR2, CR-2
	2.2.10 Battery pack color		: Dark Blue
	2.2.11 Operating temperature		:
	> 0 - 45℃ (charge)	(
	> -10 - 50℃ (disch	ıa	rge)
	2.2.12 Storage temperature		ŧ
	> -20 - 50°C (1 wee	٤k)
	> -20 - 35℃ (6 mor	ıt	hs)

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3.	Configuration	and	dimensions

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4. Test conditions

Unless otherwise specified, all tests should be conducted within one month of delivery under the following conditions :

➤ Ambient temperature : 20 +/- 5°C.

➤ Relative humidity : 65 +/- 20%.

5. Performance

Item	Criteria	Test conditions
Capacity	Above 200mAh	Standard charge and standard discharge
Internal impedance	Less than 250mohm	Measure AC impedance at 1kHz
Cycle life **	Above 140mAh	300 cycles charging/discharging is repeated in the below condition. Charging: 100mA to 3.6V Rest time: 20min Discharging: 100mA to 2.5V Temperature: 20±2℃
Leakage resistance	No leakage	Visually inspect battery pack after standard charge and storage at 25°C for 14 days.
Drop test	No fire, no explosion, no leakage (max. weight loss 0.1%)	Drop battery pack after standard charged onto a bakelife floor from a height of 1 m for 6 times.
Vibration test	No fire, no explosion, no leakage (max. weight loss 0.1%)	The battery pack is vibrated in triaxial direction with 4 mm amplitude of frequency 30 Hz for 1 minute in each direction.
Short circuit test	No fire, no explosion, cell temperature shall not exceed 150°C	External short circuit
Dimensions	Refer to drawing of FR2	Measured by calipers
Battery weight	Approx. 11g	Measured by balance
Appearance	No crack, no leakage, no deformation	Visual inspection

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Note: ** Data provided under "Cycle Life" in this document is our best estimate based on the technical data supplied by battery cell manufacturer in the Product Specification Form.

6. Warranty

One year limited warranty against workmanship and material defects.

Manufacturer reserves the right to alter, amend the design, model and specification without prior notice.

7. Charge state of cell before shipment

Charge from 10% to 50% according to delivery condition.

8. Safety precaution

Please follow the safety precaution carefully as improper handling
of Lithium-Fe batteries may result in injury or damage from
electrolyte leakage, heating ignition or explosion. To ensure safety,
consult with regarding the charge and discharge specifications,

equipment structure, warning labels and other important details when designing equipment to use rechargeable Lithium-Fe batteries.

Never charge the battery above 3.6V.

Never reverse charge the battery.

Never heat or incinerate the battery.

Never pierce, crush or cause mechanical damage to the battery.

Never charge a battery at high temperature condition, such as at or near a fire.

Never short circuit the battery.

Never discharge a battery to below 2.5V per cell.

Never allow the battery to get wet or be immersed in water.

For long period of storage, temperature should be below 45℃.

After long period of storage, battery may required some cycling to recover capacity.