



Title

Li-ion Battery Pack Specification

File No

1102-02047-03

VER

1.0

## 2. PACK SPECIFICATION

### 2.1 Scope

: This document for specification refers to Li-Ion Battery Pack Ass'y  
battery pack made by Elentec Co. and provided to YUJIN ROBOT Electronics.

### 2.2 Electronic Characteristics

NO	Item	Standard
2.1	Model	YCR-M05(K0BUK1)
2.2	Nominal Capacity	4S1P, 2,200mAh(±50mAh)
2.3	Battery Name	Lithium-Ion Rechargeable Cell
2.4	Battery Model	HYB ICR18650NH-2,200mAh
2.5	Nominal Voltage	14.4V ~ 14.8V
2.6	Charging Voltage	16.8V
2.7	Discharge Halt Voltage	9.6V Cut-off
2.8	Nominal Charging	16.8V, 1.1A
2.9	MAX Discharging Current	10A(TBD)
2.10	Internal Resistance	350mΩ below
2.11	Temperature	Thermistor 103F(25℃)
2.12	Weight	210g below
2.13	Allowable Temperature Range	Charging Temperature : 0 ~ 45 ℃ Discharging Temperature : -10 ~ 60 ℃
	Storage Temperature Range	1month below : -20 ~ 45 ℃ 6month below : -20 ~ 35 ℃