

# 360 Photo Booth Battery Module Instructions

## Specification parameters

Project	Parameter	Remarks
Rated capacity	7500Mah	0.2C
Rated voltage	21.6V	
Combination mode	6S3P	Number of cells: 18
Charging mode	CC/CV	Constant current and constant voltage (25.2v)
Standard charging	1.5A	0.2C
Standard discharge current	5A	
Maximum continuous charge discharge current	7.5Ah (reference standard value is recommended)	
Recommended charging cut-off voltage	25.2V	
Recommended discharge cut-off voltage	16.8V	
Factory voltage	21.6V ~ 22.2V	
weight	About 960g	
Charging temperature	-20°C ~ +55°C (recommended charging temperature above - 5°C)	
Discharge temperature	-30°C ~ +60°C~ +60°C (recommended discharge temperature above - 20°C)	

## General performance

	Test method	Judgment criteria
Standard charging	When the ambient temperature is $(23 \pm 2) ^\circ\text{C}$ , 0.2C constant current to 25.2v, and then 25.2v constant voltage Stop charging until the charging current is less than 0.02ca.	
Rated capacity	When the ambient temperature is $(23 \pm 2) ^\circ\text{C}$ , stand for 0.5h after standard charging to 0.2C Constant current discharge to 16.8v.	$\geq 7.5\text{Ah}$
Internal resistance	Use AC 1kHz detection method	$\leq 500\text{m}\Omega$
Charge retention	When the ambient temperature is $(23 \pm 2) ^\circ\text{C}$ , after the standard charging of the battery, leave the battery open for 28 days and discharge it to 16.8v at 0.2C,	$\geq 85\%$ of initial capacity