

11.1V | 8Ah | Li-Ion



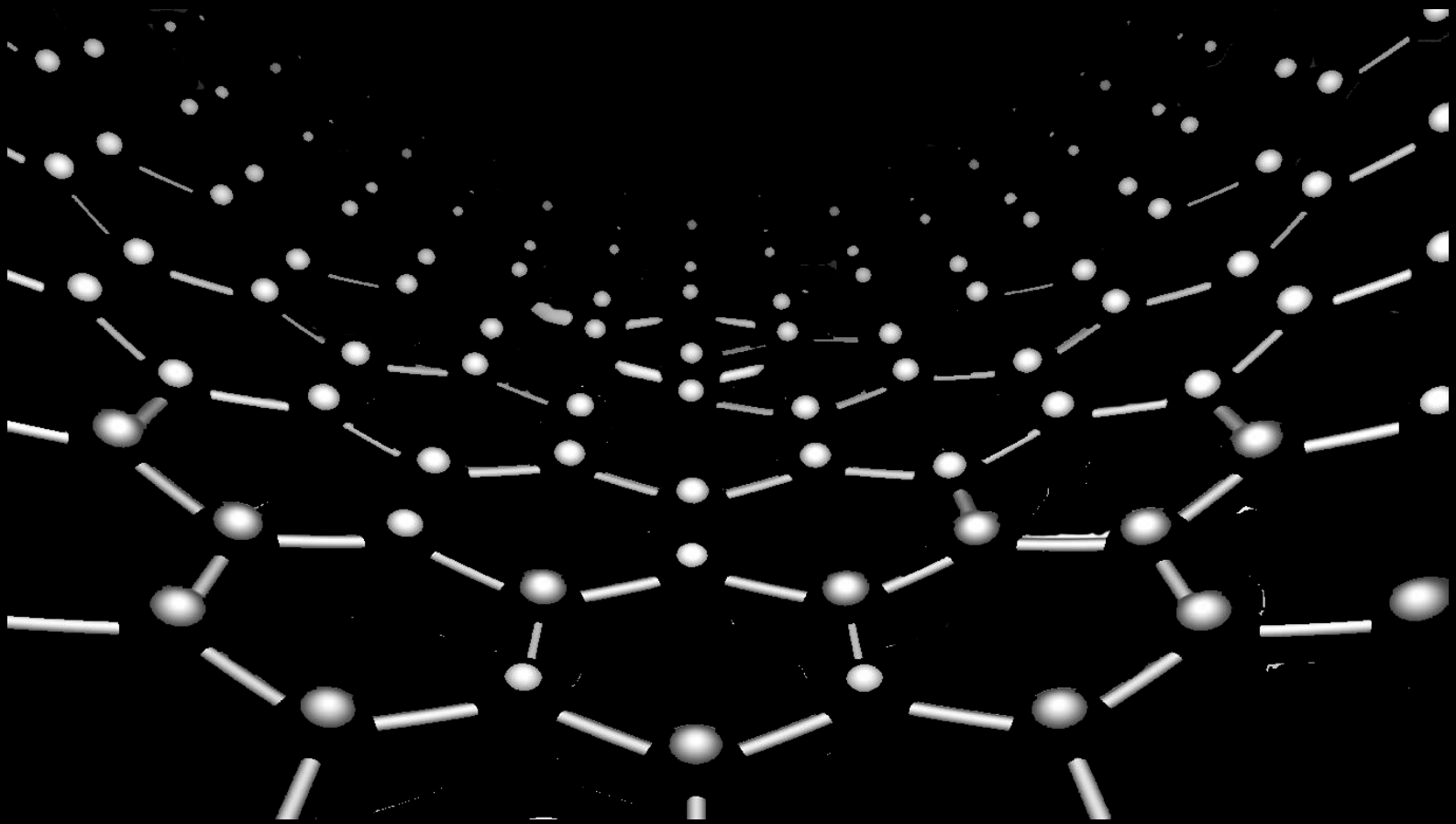
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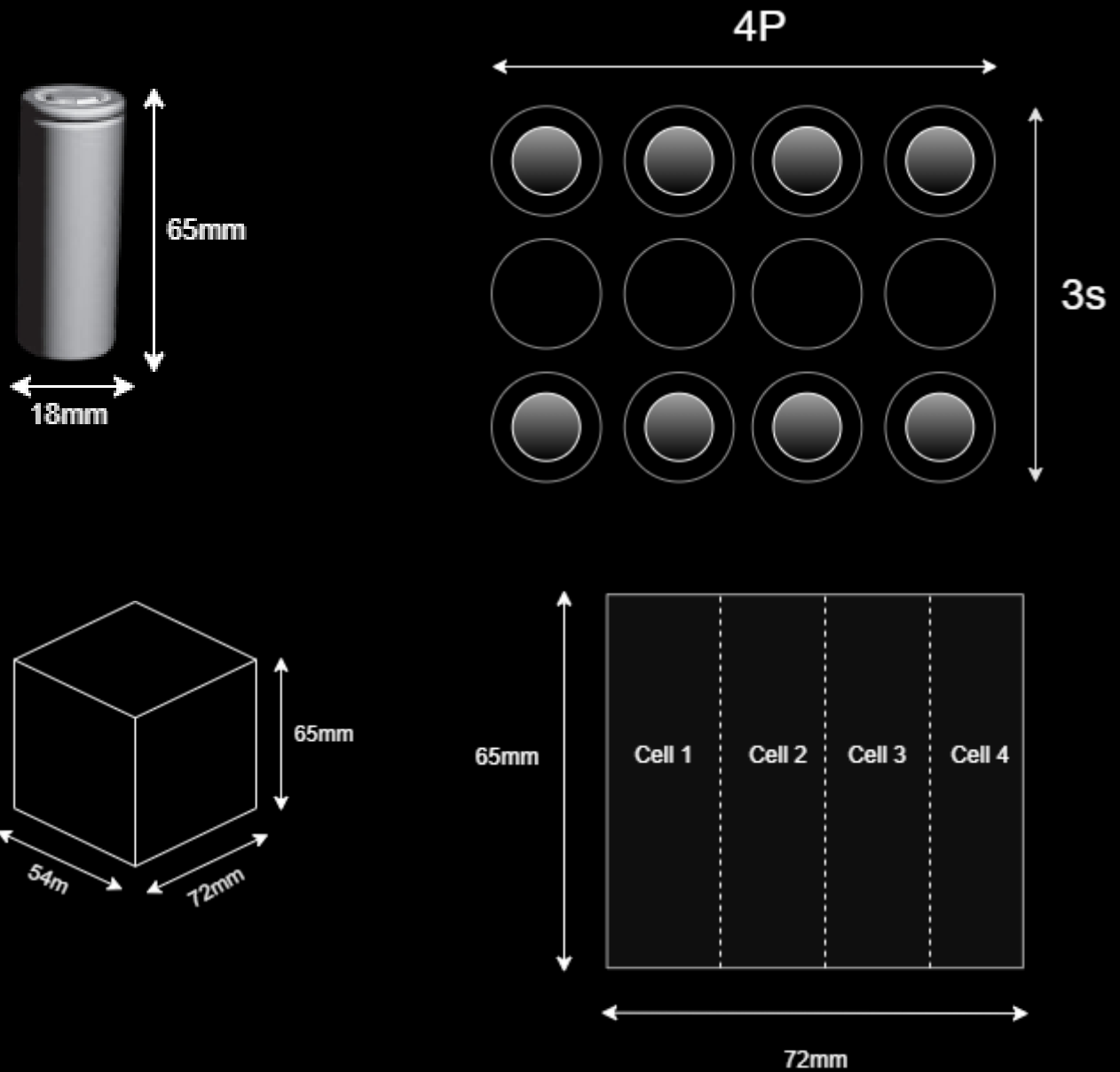


E-MMORTAL LITHIUM ION BATTERY

#ETERNAL_FLOW_OF_ENERGY



BATTERY CONFIGURATION



Test Results:



SPECIFICATION

Description	Technical Specification	Remark
Nominal Capacity	8 Ah	Capacity according to standard charge and discharge.
Nominal Voltage	11.1 V	The average value of working voltage during the whole discharge process.
Nominal Wattage	88.8Wh	
Type of Cell	Cylindrical	Part No. 18650
Capacity of Individual Cell	3.7V – 2000mAh	A Grade Cell with IR < 30mΩ.
Configuration	3S-4P	3 in series and 4 in parallel.
Charge Current	Up to 1.6A	Constant charge.
Discharge Current	Up to 1.6A	Constant discharge.
Peak Discharge	Up to 10A	Peak discharge for 3 sec.
Charge Cut-off Voltage	12.6V	Protected with balancing BMS.
Discharge Cut-off Voltage	9V	Protected with balancing BMS.
Working Temperature (Charging)	0-45°C	Under constant charge.
Working Temperature (Discharging)	0-60°C	Under constant discharge.
Weight	0.6KG	Approx.
Dimensions (Approx.)	Length(mm)	54mm
	Width(mm)	72mm
	Height(mm)	65mm
Cycle Life	≥1000	With 80% DOD.
Storage Temperature	1-3 Months	20-60°C
	3-6 Months	20-45°C
Battery (LCV)	Provided	
Battery (HCV)	Provided	
Battery Reverse Protection	Provided	
Packing Type	PVC material	PVC material
Output Cable	Provided	1 sq. mm

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