

3.6V | 6Ah | Li-Ion



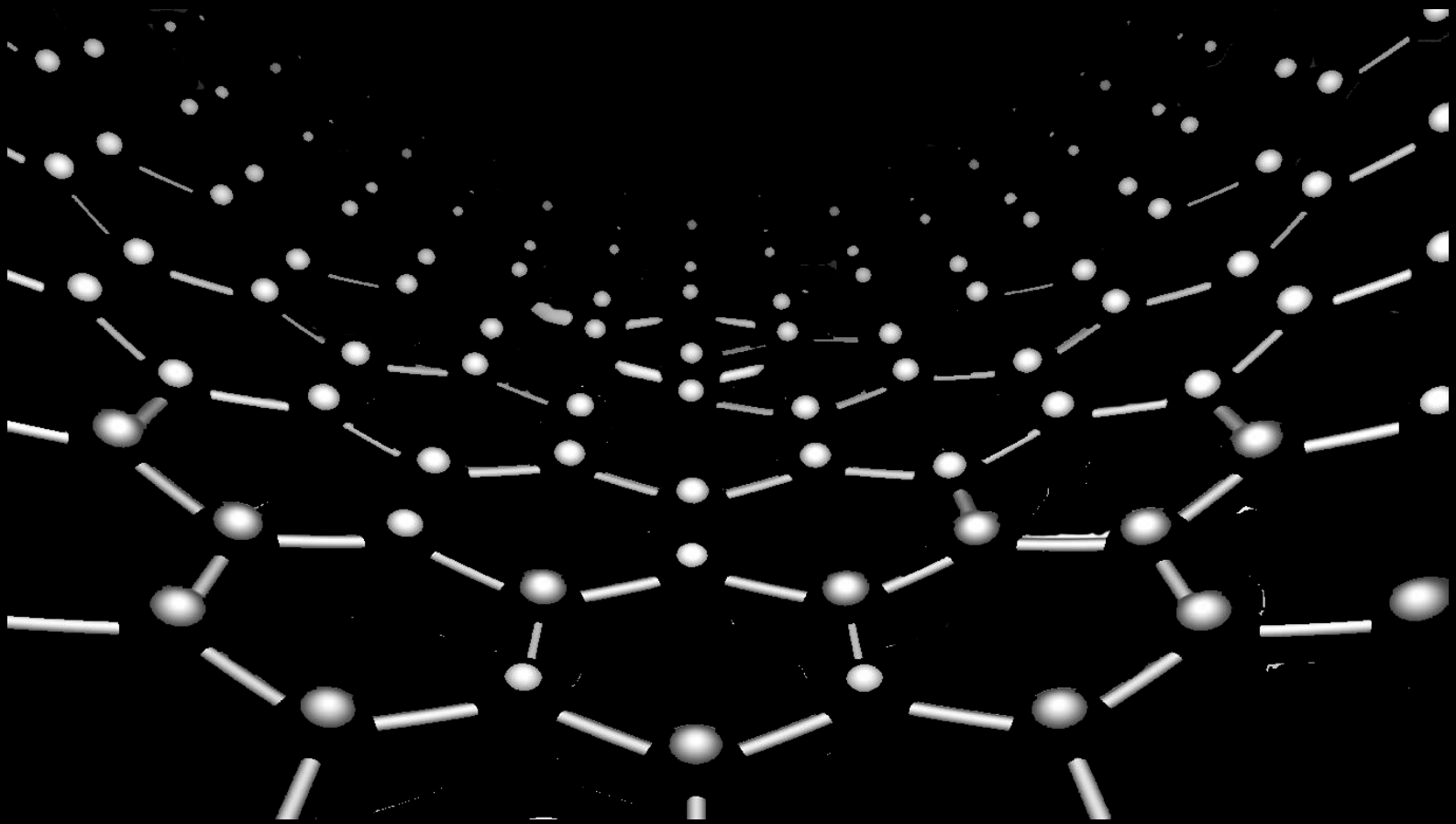
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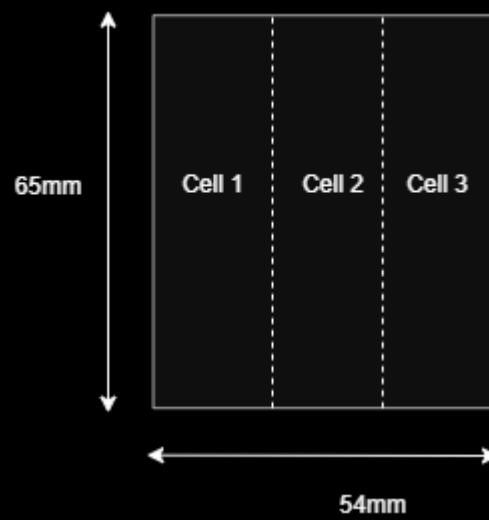
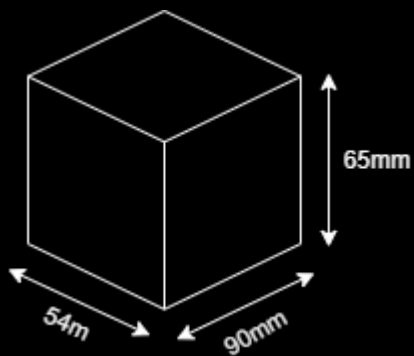
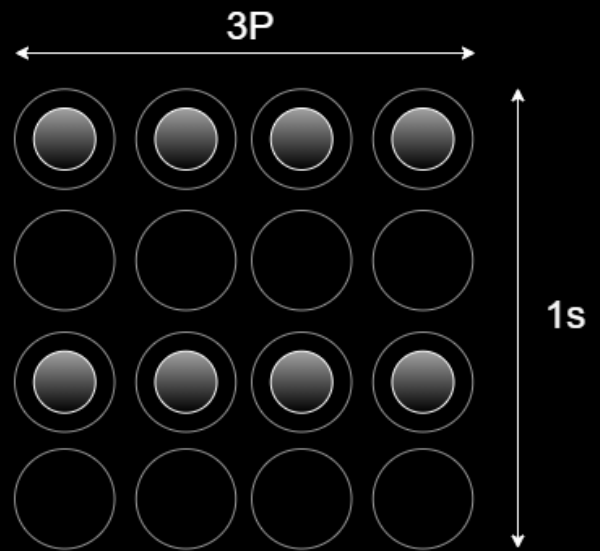
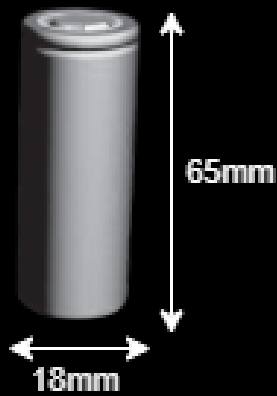


# E-MMORTAL LITHIUM ION BATTERY

#ETERNAL\_FLOW\_OF\_ENERGY



# BATTERY CONFIGURATION



# SPECIFICATION

Description	Technical Specification	Remark
Nominal Capacity	6 Ah	Capacity according to standard charge and discharge.
Nominal Voltage	3.6 V	The average value of working voltage during the whole discharge process.
Nominal Wattage	21.6Wh	
Type of Cell	Cylindrical	Part No. 18650
Capacity of Individual Cell	3.7V – 2000mAh	A Grade Cell with IR < 35mΩ.
Configuration	1S-3P	1 in series and 3 in parallel.
Charge Current	Up to 1.2A	Constant charge.
Discharge Current	Up to 1.2A	Constant discharge.
Peak Discharge	Up to 4A	Peak discharge for 3 sec.
Charge Cut-off Voltage	4.2V	Protected with balancing BMS.
Discharge Cut-off Voltage	2.75V	Protected with balancing BMS.
Working Temperature (Charging)	0-45°C	Under constant charge.
Working Temperature (Discharging)	-20-60°C	Under constant discharge.
Weight	0.14KG	Approx.
Dimensions (Approx.)	Length(mm)	54mm
	Width(mm)	90mm
	Height(mm)	65mm
Cycle Life	≥300	With 80% DOD.
Storage Temperature	1-3 Months	20-45°C
	3-6 Months	20-35°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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