

7.2V | 12Ah | Li-Ion



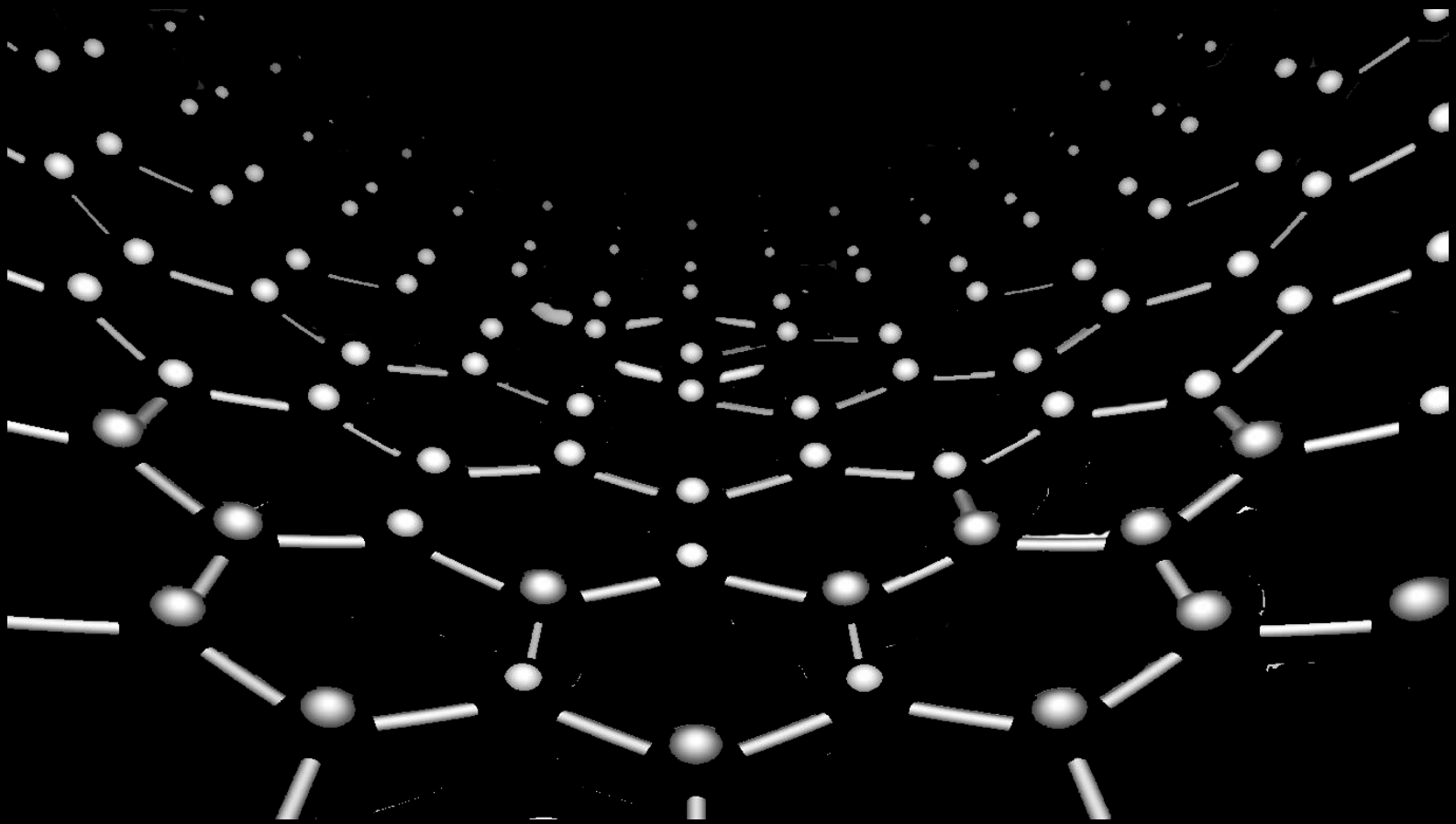
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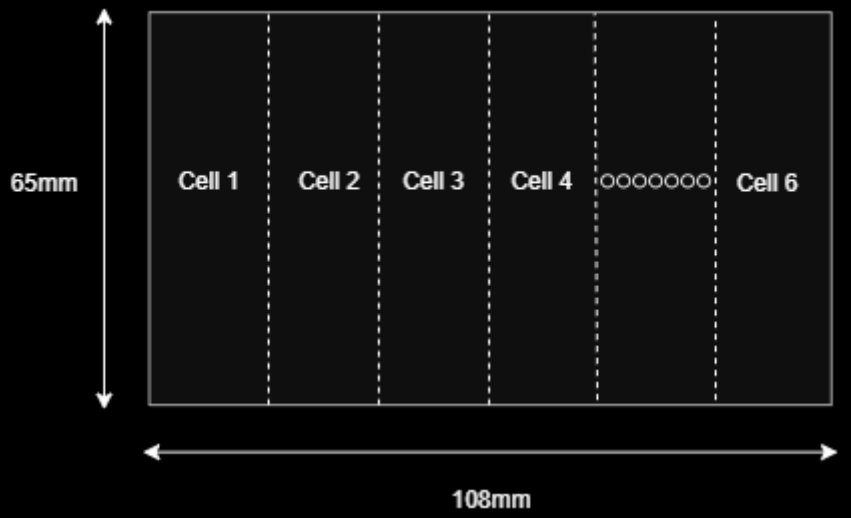
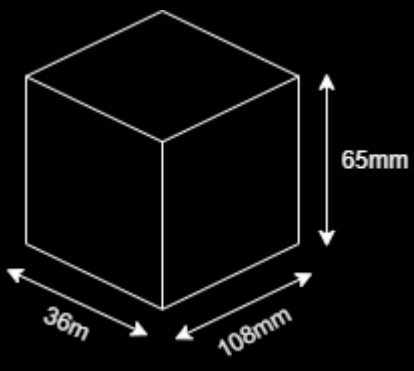
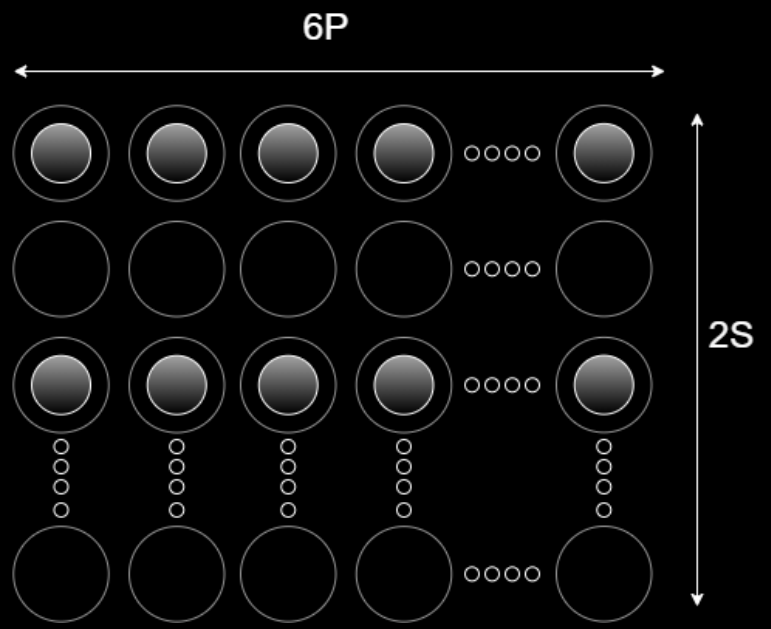
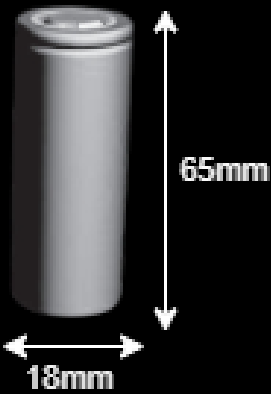


E-MMORTAL LITHIUM ION BATTERY

#ETERNAL_FLOW_OF_ENERGY



BATTERY CONFIGURATION



SPECIFICATION

Description	Technical Specification	Remark
Nominal Capacity	12 Ah	Capacity according to standard charge and discharge.
Nominal Voltage	7.2 V	The average value of working voltage during the whole discharge process.
Nominal Wattage	86.4Wh	
Type of Cell	Cylindrical	Part No. 18650
Capacity of Individual Cell	3.6V – 2000mAh	A Grade Cell with IR < 35mΩ.
Configuration	2S-6P	2 in series and 6 in parallel.
Charge Current	Up to 2.4A	Constant charge.
Discharge Current	Up to 2.4A	Constant discharge.
Peak Discharge	Up to 8A	Peak discharge for 3 sec.
Charge Cut-off Voltage	8.4V	Protected with balancing BMS.
Discharge Cut-off Voltage	5.5V	Protected with balancing BMS.
Working Temperature (Charging)	0-45°C	Under constant charge.
Working Temperature (Discharging)	-20-60°C	Under constant discharge.
Weight	0.56KG	Approx.
Dimensions (Approx.)	Length(mm)	36mm
	Width(mm)	108mm
	Height(mm)	65mm
Cycle Life	≥1000	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

E-mmortal Automotives Pvt. Ltd.



emmortalautomotives.com



info@emmortalautomotives.com



+91 90288 12136



ASM-03, Ashwin Nagar Service Rd, Ashwin Nagar, Nashik, Maharashtra 422009.