

The MOVA logo is displayed in a bold, white, sans-serif font against a dark background. The background image shows a rooftop solar panel array at dusk, with city lights visible in the distance.

MOVA LumeGret B4000

Technical Specifications

Battery	Battery Type	LiFePO ₄
	Battery Capacity	4020 Wh
	Maximum Expansion Capacity	20100 Wh
	Rated Voltage	51.2 V
	Operating Voltage Range	43.2 – 57.6 V
	Rated Voltage Charging Power	2000 W
	Max. Charging Power	2000 W
	Cycle Life	10000-70% SOC
	Self-heating	Support
General Parameters	Size (W×H×D mm)	493 × 307.7 × 220
	Weight [kg]	40 kg
	Communication	CAN
	IP Protection	IP65
	Cooling Method	Natural Cooling
	Operatin Temperature	-20 ~ 55 °C
	Relative Humidity	0–95% (non-condensing)
	Maximum Altitude	3000 m
	Protection Level	I
	Overvoltage Category	II (DC), III (AC)
	Warranty Period	10 Years
	Lifespan	20 Years