

MOVA



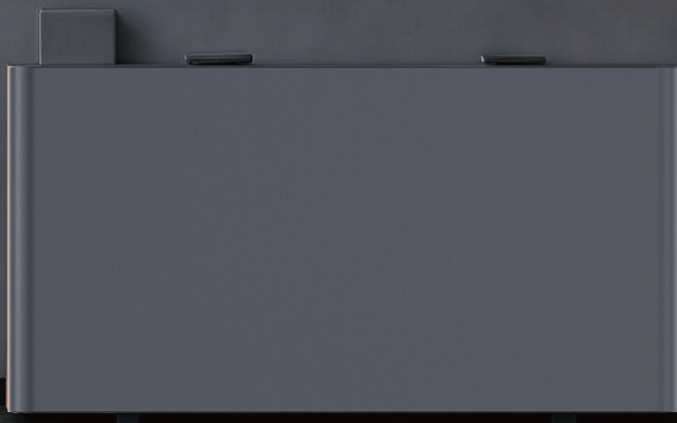
MOVA LumeGret A2000

Technical Specifications

MPPT	Rated MPPT Power	2400 W
	PV Start-up Voltage	22 V
	Max Input Voltage	60 V
	Operating Voltage Range	13 – 60 V
	Maximum Short-circuit Current	20 A
	Maximum Continuous Current	18 A
	MPPT Number	4
AC Input (Grid-Tie)	Maximum Output Power	1500 VA
	Rated Output Power	1500 W
	Rated Output Current	6.5 A
AC Output (Grid-Tie)	Maximum Output Power	800 VA, 1500 VA
	Rated Output Power	800 W, 1500 W
	Rated Output Current	3.5 A, 6.8 A
	Rated Output Voltage	220 V / 230 V / 240 V
	Rated Output Frequency	50 / 60 Hz
	Output Current Harmonics	< 3 %

MOVA LumeGret A2000

Technical Specifications		
AC Output (Off-Grid)	Maximum Output Power	1500 VA
	Rated Output Power	1500 W
	Rated Voltage	220 V / 230 V / 240 V
	Rated Output Current	6.8 A
	Rated Output Frequency	50 / 60 Hz
	Switching Time	≤ 10 ms
Battery	Battery Type	LiFePO ₄
	Battery Capacity	1920 Wh
	Maximum Expandable Capacity	9600 Wh
	Nominal Voltage	19.2 V
	Operating Voltage Range	52 – 56 V
	Rated Charging Power	1600 W
	Maximum Charging Power	2400 W (Multiple Batteries & PV + AC)
	Cycle Life	6000-70% SOC
	Battery Self-Heating	Supports
	Fire Extinguishing Aerosol	Supports
General Parameters	Size (W×H×D mm)	480 × 249 × 260
	Weight [kg]	26 kg
	Communication	Wi-Fi & Bluetooth + RS485
	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	15 Years
Accessoires Optionnels	Smart Meter	3 CT / P1 Meter
	EV Charger	3600 W / 7000 W
	Smart Plug	Wi-Fi & Bluetooth



MOVA LumeGret B2000G

Technical Specifications

Battery	Battery Type	LiFePO ₄
	Battery Capacity	1920 Wh
	Maximum Expandable Capacity	9600 Wh
	Nominal Voltage	19.2 V
	Operating Voltage Range	52 – 56 V
	Rated Charging Power	1600 W
	Maximum Charging Power	2400 W (Multiple Batteries & PV + AC)
	Cycle Life	6000-70% SOC
	Battery Self-Heating	Supports
	Fire Extinguishing Aerosol	Supports
General Parameters	Size (W×H×D mm)	480 × 180 × 260
	Weight [kg]	20.6 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	15 Years