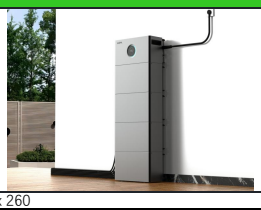
Product Information	Model	EAN Code	Dimensions with packaging	Weight with packaging	40HQ
MOVA LumeGret A4000	LumeGret A4000	6979849660000	582*387*404 mm	51.3kg	420
Launch Time	05-26				
Certifications	1.CE Compliance: EMC / RED / RoHS / REACH 2.Electrical Safety: IEC/EN 62109 / IEC 62477 3.Grid Compliance: EN 50549 Series 4.Battery Compliance: Battery Regulation / Battery Safety 5.Environmental: WEEE / POPs 6.Cybersecurity: Cybersecurity Compliance				

Technical Specifications				
Picture				
General parameters	Size (W×H×D mm)	493 × 303 × 295		
	Weight [kg]	48 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	**20 Years**		
DC Input	Rated MPPT Power	**2800 W**		
	PV start-up voltage	22 V		
	Max Input Voltage	60 V		
	Operating voltage range	16 – 60 V		
	Maximum short-circuit current	25 A		
	Maximum continuous current	18 A		
	MPPT Number	4		
AC Output(Grid-Tie)	Maximum output power	800 VA, 2500 VA		
	Rated output power	**2500 W**		
	Rated output current	8.7 A		
	Rated output Voltage	220 V / 230 V / 240 V		
	Rated output frequency	50 / 60 Hz		
	Output current harmonics	< 3 %		
AC Output(Off-Grid)	Maximum output power	2500 VA （PV + batterie）		
	Rated output power	**2500 W**		
	Rated Voltage	220 V / 230 V / 240 V		
	Rated output current	8.7 A		
	Rated output frequency	50 / 60 Hz		
	Switching time	≤ 10 ms		
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		
Standard accessories	AC Cable	2 m / Schuko		
	RS485 Connector	1		
	Expansion Bolts	2		
	MC4 Wrench	1		
	Mounting Locking Plate	2		
	Rubber Pads	4		
	Flat Head Screws (M4×10)	4		
	Flat Head Screws (M5×10)	4		
	Documents	2 (User Manual & Quick Start Guide)		
Optional accessories	Smart Meter	3 CT / P1 Meter		
	EV Charger	**3600 W / 7000 W**		
	Smart Plug	Wi-Fi & Bluetooth		

Product Information	Model	EAN Code	Dimensions with packaging	Weight with packaging	40HQ
MOVA LumeGret B4000	LumeGret B4000	6979849660017	596x328x389 mm	41 kg	504
Launch Time	05-26				
Certifications	Electrical Safety: IEC 62619 CE Compliance: EMC / RoHS / REACH / POPs Battery Compliance: EU Regulation (EU) 2023/1542, IEC 60730-1 Environmental: WEEE Directive				

Technical Specifications				
Picture				
General parameters	Size (W×H×D mm)	493*307.7*220mm		
	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		
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		
Standard accessories	Documents	2 (User Manual & Quick Start Guide)		

Product Information	Model	EAN Code	Dimensions with packaging	Weight with packaging	40HQ
MOVA LumeGret A2000	LumeGret A2000	6979849660031	608*405*335 mm	31 kg	576
Launch Time	05-26				
Certifications	1.CE Compliance: EMC / RED / RoHS / REACH 2.Electrical Safety: IEC/EN 62109 / IEC 62477 3.Grid Compliance: EN 50549 Series 4.Battery Compliance: Battery Regulation / Battery Safety 5.Environmental: WEEE / POPs 6.Cybersecurity: Cybersecurity Compliance				

Technical Specifications				
Picture				
General parameters	Size (W×H×D mm)	480 x 249 x 260		
	Weight [kg]	26		
	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		
DC Input	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 Output(Grid-Tie)	Maximum output power	800 VA, 1500 VA		
	Rated output power	**1500 W**		
	Rated output current	6.5 A		
	Rated output Voltage	220 V / 230 V / 240 V		
	Rated output frequency	50 / 60 Hz		
	Output current harmonics	< 3 %		
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	6.5 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		
Accessoires standard	AC Cable	5 m / Schuko		
	MC4 Wrench	1		
	Mounting Plates	2		
	Expansion Bolts	2		
	M4 × 10 Screws	2		
	PV Anti-Theft Covers	8		
	Documents	4		
Accessoires optionnels	Smart Meter	3 CT / P1 Meter		
	EV Charger	3600 W / 7000 W		
	Smart Plug	Wi-Fi & Bluetooth		

Product Information	Model	EAN Code	Dimensions with packag	Weight with packag	40HQ
MOVA LumeGret A2000	LumeGret 2000G		605*401*264 mm	23 kg	672
Launch Time	05-26				
Certifications	Electrical Safety: IEC 62619 CE Compliance: EMC / RoHS / REACH / POPs Battery Compliance: EU Regulation (EU) 2023/1542, IEC 60730-1 Environmental: WEEE Directive				

Technical parameters				
Picture				
General parameters	Size (W×H×D mm)	480*180*260		
	Weight [kg]	20.6		
	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		
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		
Accessoires optionnels	Plaques de montage	2		
	Vis M4 × 10	2		
	Documents	4		