



Emaldo Product Catalogue
Emaldo One /Home

Why choose Emaldo®

All-in-One partner: One provider for energy management, products and support.

Smart installation: SlideOn technology enables faster and more flexible installations.

Installer tools & software: Access the Emaldo® Power Suite for simple system management and monitoring.

Sales & marketing support: Branded materials, campaigns and lead generation support.

Dedicated local support: Technical assistance in local language via phone and email.

Partner benefits: Flexible onboarding, invoicing and shared Grid Rewards revenue.

One connected ecosystem: Hardware, software and services working seamlessly together.



We are Emaldo

At Emaldo®, we believe energy should be smarter, more accessible, and more valuable for the people who use it. Over the years, Emaldo technology has been trusted in more than 12,000 installations across homes and businesses, helping customers unlock greater value from their energy through intelligent battery systems, energy optimisation, and innovative Grid Rewards programmes. Together with our network of installation partners, we have demonstrated that energy independence is no longer a future ambition. It is a reality that thousands of households and organisations are already experiencing today.

In fact, our customers now receive more than €1 million in Grid Rewards every month. This milestone reflects the strength of our technology, the trust of our customers and partners, and the growing role that connected energy systems can play in supporting a smarter and more resilient energy grid.

But as the energy landscape continues to evolve, we see a new challenge emerging. Our homes are becoming increasingly connected. Solar panels, batteries, EV chargers, heat pumps, smart meters, and home energy devices all promise greater control, lower costs, and increased sustainability. Yet for many homeowners, ensuring these technologies work together effectively has become increasingly complex. That is the problem we are here to solve.

Today, Emaldo is evolving from a battery company into a complete home

energy ecosystem. Our ambition is simple: to make true energy independence accessible to every household through one intelligent, connected energy experience.

At the heart of this vision is Emaldo Horizon, the platform that brings the entire ecosystem together. Combined with Emaldo Sense, our newest residential battery, and Emaldo Flow, our intelligent heat pump, homeowners can generate, store, manage, and optimise energy through one seamless system and one simple app. Together, these solutions represent more than new products. They are the foundation of a connected ecosystem designed around one goal: helping homeowners move closer to the zero-bill home.

A home where the energy you generate is the energy you use. Where excess energy is stored intelligently. Where heating, mobility, and household consumption work together automatically. And where your energy system not only reduces costs but also creates value by supporting the wider grid. No waste. No guesswork. No unnecessary grid reliance. Everything working together seamlessly, so you get the most from your energy while keeping costs as low as possible. This is real energy independence. Because the future is not just electric. It is connected.

As we look ahead, our commitment remains unchanged. We will continue to innovate, support our partners, and empower homeowners to take control

of their energy future while contributing to a smarter and more sustainable energy system for everyone.

Thank you to our customers, partners, and employees for being part of this journey. Together, we are building the future of energy. I am truly proud of each home and business we assist in becoming green.

Steffen Bjerregaard
CEO & Founder, Emaldo®

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Products



Power Sense



Energy storage. Enabling the capability of storing self-produced solar electricity for when you actually need it. Works with all inverters. Can be installed on a property even if this has a solar system installed already. Option to add power backup. Add power backup of the things that matters the most. Sold separately.

General		AC output (on-grid)	
Dimensions(W/H/D)	700x1520x328mm	Rated power	15000 VA
Weight		Rated voltage	3L/N/PE 230/400 a.c.V
Cabinet	62.0±2kg	Frequency range	50/60Hz
Inverter	55.6±2kg	Max output voltage	23.9A
Battery	50.5±2kg	Max power factor	0.99
Battery slots	3	Max efficiency	97.3%
Topology	Transformerless isolation	Europe efficiency	96 %
Cooling	Forced air	Battery	
Noise	< 50dB	Battery type	LFP (LiFePO4)
Self-consumption	< 150W	Battery capacity	5120-15360Wh (1-3 batteries)
Altitude	2000m	Battery capacity expansion	143kWh
Relative humidity	10~85%	Rated battery voltage	51.2V
System operation temperature	-20°C~55°C	Working voltage range	43V~58.3V
Storage temperature - 1 month	-20°C ~ 45°C	Max charging current	100-300A (1-3 batteries)
Storage temperature - 3 months	0°C~35°C	Max discharging current	100-300A (1-3 batteries)
Display	APP	Charging temperature	-20~55°C
Communication	RS485 (Smart Meter)	Discharging temperature	-20~60°C
4G/Wifi/Bluetooth/LoRa	Yes / Yes / Yes / Yes	Heat film	200-400W
IP rating	IP54		
SKU			
Cabinet	EM-CAB-WH-EMP-03		
Inverter	EM-INV-04		
Battery	EM-BAT-02 / EM-BAT-02-xx		
Complete system	EM-SYS-PSE-WH-01		
AC input			
Max input power	22500 VA		
Rated voltage	3L/N/PE 230/400 a.c.V		
Max input current	32.6A		
Frequency range	50/60Hz		
Current Total Harmonic Distortion	< 3%		
Power factor	0.8 leading~0.8 lagging		
AC output (off-grid)			
Rated power	15000 VA		
Rated output voltage	3L/N/PE 230/400 a.c.V		
Max output current	23.9A		
Rated output frequency	50/60Hz		
Switch time	10ms		
Wave form	Pure sine wave		

Power Sense

PV input	
Max input power	24kW
Max input open-circuit voltage	1000 d.c.V
MPPT input string number	2/2
MPPT voltage range	160-900 d.c.V
Start-up voltage	160 d.c.V
Max input current	30A/30A
Max short-circuit input current	45A/45A
Max MPPT efficiency	>99%
Dynamic MPPT efficiency	>97%
Rated voltage	550 d.c.V
Operating voltage range	160-900 d.c.V

Protection	
Battery under-voltage protection (settable)	42±0.5V
Battery over-voltage protection (settable)	Yes
PV under-voltage protection	160V±3V
PV over-voltage protection	1000V±3V
AC input under-voltage protection	198V±0.5V
AC input over-voltage protection	254V±0.5V
AC output under-voltage protection	198V
AC output over-voltage protection	254V
AC output over-temperature protection	Yes
AC output overload protection	Yes
Anti-island protection	Yes
Solar input reverse connection protection	Yes
Insulation impedance detection	Yes
Residual current detection	Yes
AC surge protection	Yes
DC surge protection	Yes
Warranty period	>10 Years

Standard	
Safety	IEC62109-1:2010, IEC62109-2:2011, IEC62477-1:2022
EMC	IEC61000-6-1, IEC61000-6-3
Battery	UN38.3, MSDS, IEC 62619
Grid	EN50549-1/EN50549-10/T RLV/EIFS:2018/ VDE 4105:20 18/EIFS:2018/PPDS:P4
Emissions	RED 2014/53/EU

Warranty Battery	
Operation of the product	Charging temperature -20°C ~ 55°C. Discharge temperature -20°C ~ 60°C.
Storage	Storage temperature: -20°C ~ 45°C (within one month) or 0°C ~ 35°C (within three month). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	Emaldo® guarantees that the battery system will retain 70% of the usable energy for 10 years or 6000 cycles if installed and handled correctly as described in the user manual.

Inverter	
Operation of the product	Operation of the product -20°C ~ 55°C
Storage	Storage temperature: -20°C ~ 45°C (within one month) or 0°C ~ 35°C (within three month). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	10-year Inverter Performance Guarantee: Emaldo® guarantees that the inverter will work according to specification if handled according to user guidelines and standards.

Cabinet	
Operation of the product	Operation of the product -20°C ~ 55°C
Storage	Storage temperature: -20°C ~ 45°C (within one month) or 0°C ~ 35°C (within three month). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	10-year Hardware Guarantee: Emaldo® guarantees that the hardware will work according to specification if handled according to user guidelines and standards.

Terms
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Note
Due to fuse-free overcurrent limitation, the Power Sense supports:
PV Input Pmax = Pe × 1.6
AC Input Pmax = Pe × 1.5
Grid Output Pmax = Pe × 1.1

Power Core



Energy storage. Enabling the capability of storing self-produced solar electricity for when you actually need it. Works with all inverters. Can be installed on a property even if this has a solar system installed already. Option to add power backup. Add power backup of the things that matters the most. Sold separately. Electric car charger. Built-in type 2 electric vehicle charger.

General	
Dimensions (W/H/D)	700×1520×328mm
Weight	
Cabinet	62.0±2kg
Inverter	49±2kg
Battery	50.5±2kg
Battery slots	3
Topology	Transformerless
Cooling	Forced air
Noise	< 50dB
Self-consumption	< 150W
Altitude	2000m
Relative humidity	10~85%
Inverter operation temperature	-20°C~60°C
Charging operation temperature	-20°C ~ 55°C
Discharging operation temperature	-20°C~60°C
Storage temperature	-20°C~55°C
Display	E-INK+APP
Communication	RS485 (Smart Meter)
4G/WiFi/Bluetooth/LoRa	Yes / Yes / Yes / Yes
IP rating	IP54
SKU	
Cabinet	EM-CAB-WH-EMP-02
Inverter	EM-INV-02
Battery	EM-BAT-02 / EM-BAT-02-xx
Complete system	EM-SYS-WH-02
AC input	
Rated power	10800VA
Rated voltage	400Vac (3W+N+PE)
Rated current	15.6A*3
Max input current	16A*3
AC voltage range	184-264Vac
Frequency range	50/60Hz

AC output (on-grid)	
Rated power	10800VA
Rated voltage	400Vac (3W+N+PE)
Rated current	15.6A*3
Max output current	15.8A*3
Max power factor	> 0.99
Frequency range	50/60Hz
Max efficiency	97 %
Europe efficiency	96 %

AC output (off-grid)	
Rated power	10800VA (PF=1)
Rated output voltage	400Vac (3W+N+PE)
Rated output frequency	50/60Hz±0.5
Rated current	15.6A*3
Max output current	15.8A*3
Max power output (startup)	21600VA
Switch time	10ms
Wave form	Pure sine wave

Battery	
Battery type	LFP (LiFePO4)
Battery capacity	5120-15360Wh (1-3 batteries)
Battery capacity expansion	143kWh
Rated battery voltage	51.2V
Working voltage range	43.2V~57.6V
Max charging current	100-200A (1-3 batteries)
Max discharging current	100-200A (1-3 batteries)
Charging temperature	-20~55°C
Discharging temperature	-20~60°C
Heat film	200-400W

Power Core

PV input	
Max input power	10800W (4000W*3)
Max input open-circuit voltage	550Vdc
MPPT input string number	3
MPPT voltage range	90-500Vdc
Start-up voltage	100Vdc
Max input current	14.5A*3
Max short-circuit input current	18A*3
Max MPPT efficiency	>99%
Dynamic MPPT efficiency	>97%

EV output	
Rated charge power	10800W
Rated voltage	400Vac (3W+N+PE)
Interface type	IEC type2
Frequency range	50/60

Protection	
Battery under-voltage protection (settable)	Yes
Battery over-voltage protection (settable)	Yes
PV under-voltage protection (80Vdc)	Yes
PV over-voltage protection (530Vdc)	Yes
AC output under-voltage protection (184Vac)	Yes
AC output over-voltage protection (282Vac)	Yes
AC output over-temperature protection	Yes
AC output overload protection	Yes
Solar input reverse connection protection	Yes
Insulation impedance detection	Yes
Residual current detection	Yes
AC surge protection (three grade)	Yes
DC surge protection (three grade)	Yes
EV over-voltage protection	Yes
EV over-temperature protection	Yes
EV leakage protection (IEC 62955:2018)	Yes

Standard	
Safety	IEC62109-1:2010, IEC62109-2:2011
EMC	IEC61851-21-2:20218, IEC61000-6-1, IEC61000-6-3
Battery	IEC62619:2022, UN38.3, MSDS
Grid	TRV/G98:2022/VDE 4105:2018/EIFS:2018/EN50549.....
System	IEC61851-1:2017, IEC62955, IEC60529:2013, EN61984
Emissions	RED 2014/53/EU

Efficiency	
Max efficiency	97%
European efficiency	96%
MPPT efficiency	>99%
Grid	TRV/G98:2022/VDE 4105:2018/EIFS:2018/EN50549.....
System	IEC61851-1:2017, IEC62955, IEC60529:2013, EN61984
Emissions	RED 2014/53/EU

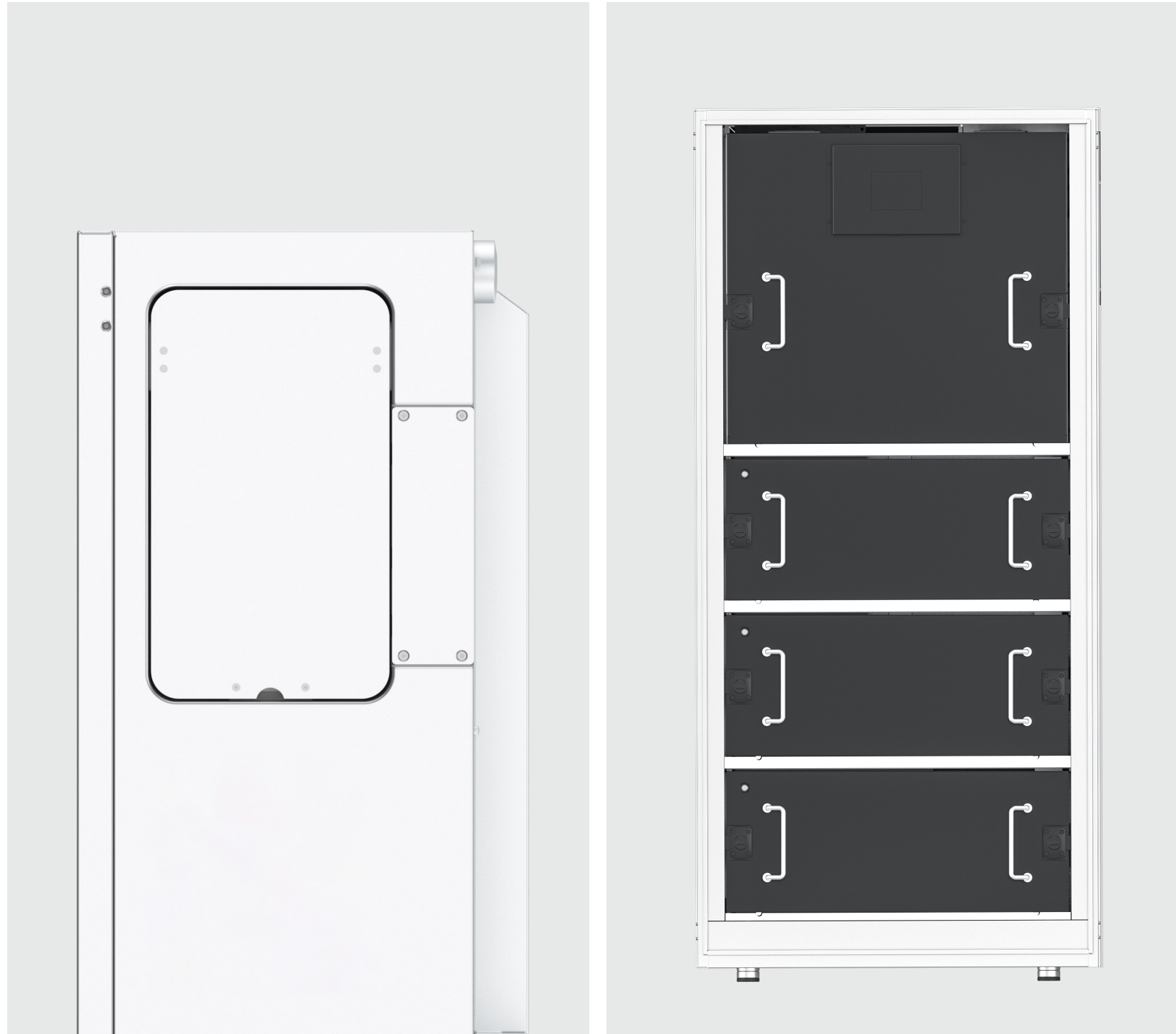
Warranty Battery	
Operation of the product	Charging temperature -20°C ~ 50°C. Discharge temperature -20°C ~ 60°C. Storage temperature: -10°C ~ 40°C (within one month) or 0°C ~ 35°C (within one year). Recommended storage humidity: 0%~95%RH (non-condensing).
Storage	
Product Warranty	Emaldo® guarantees that the battery system will retain 70% of the usable energy for 10 years or 6000 cycles if installed and handled correctly as described in the user manual.
Inverter	
Operation of the product	Operation of the product -20°C ~ 60°C
Storage	Storage temperature: -20°C ~ 40°C (within one month) or 0°C ~ 35°C (within one year). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	10-year Inverter Performance Guarantee: Emaldo® guarantees that the inverter will work according to specification if handled according to user guidelines and standards.
Cabinet	
Operation of the product	Operation of the product -20°C ~ 60°C
Storage	Storage temperature: -10°C ~ 40°C (within one month) or 0°C ~ 35°C (within one year). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	10-year Hardware Guarantee: Emaldo® guarantees that the hardware will work according to specification if handled according to user guidelines and standards.

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Power Store

Energy storage. Enabling the capability of storing self-produced solar electricity for when you actually need it. Works with all inverters. Can be installed on a property even if this has a solar system installed already. Option to add power backup. Add power backup of the things that matters the most. Sold separately. 4G Connectivity. Wirelessly connects to the internet through 4G.



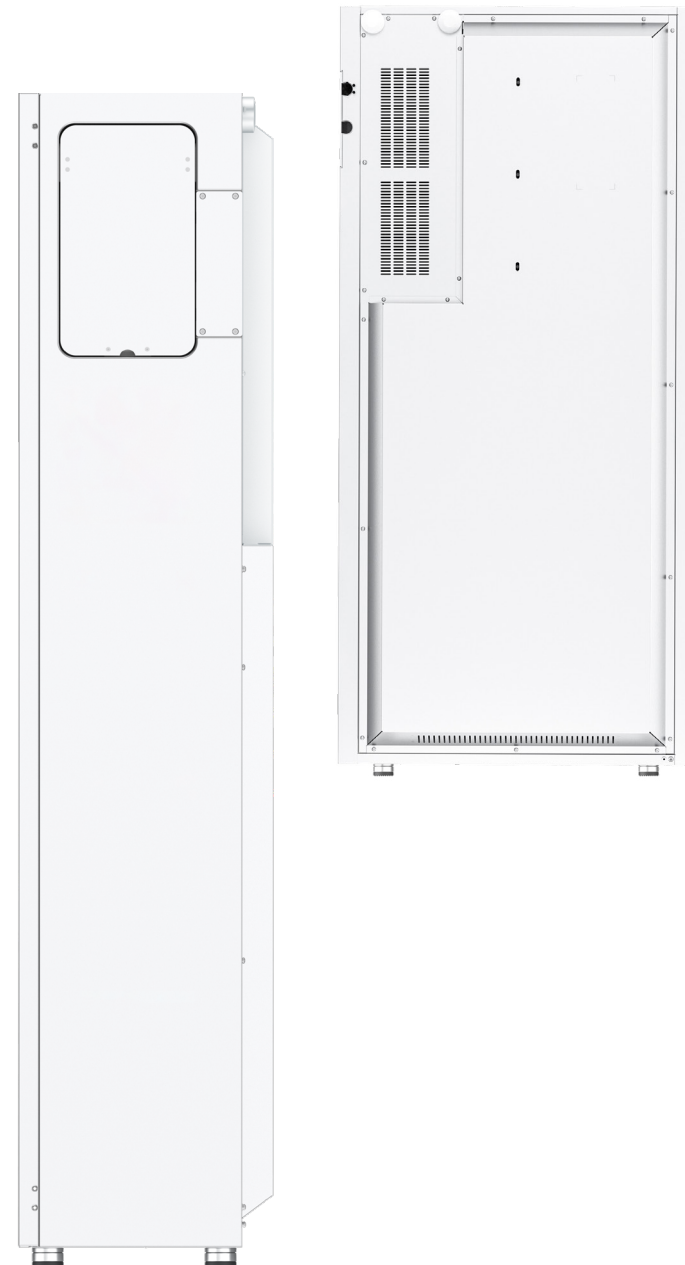
General	
Dimensions(W/H/D)	700x1520x328mm
Weight	
Cabinet	62.0±2kg
Inverter	47.0±2kg
Battery	50.50 ±2kg
Battery slots	3
Topology	Transformerless
Cooling	Forced air
Noise	<50dB
Self-consumption	<150W
Altitude	2000m
Relative humidity	10~85%
Inverter operation temperature	-20°C~60°C
Charging operation temperature	-20°C~55°C
Discharging operation temperature	-20°C~60°C
Storage temperature	-20°C~55°C
Display	APP
Communication	RS485 (Smart Meter)
4G/Wifi/Bluetooth/LoRa	Yes / Yes / Yes / Yes
IP rating	IP54
SKU	
Cabinet	EM-CAB-WH-EMP-03
Inverter	EM-INV-03 / EM-INV-03-xx
Battery	EM-BAT-02 / EM-BAT-02-xx
Complete system	EM-SYS-PS-WH-02
AC output (off-grid)	
Rated power	10800VA (PF=1)
Rated output voltage	400Vac (3W+N+PE)
Rated output frequency	50/60Hz ±0.5
Rated current	15.7A*3
Max output current	15.8A*3
Max power output (startup)	21600VA
Switch time	10ms
Wave form	Pure sine wave

AC input	
Rated power	10800VA
Rated voltage	400Vac (3W+N+PE)
Rated current	15.6A*3
Max input current	16A*3
AC voltage range	184-264Vac
Frequency range	50/60Hz
AC output (on-grid)	
Rated power	10800VA
Rated voltage	400Vac (3W+N+PE)
Rated current	15.6A*3
Max output current	15.8A*3
Max power factor	>0.99
Frequency range	50/60Hz
Max efficiency	97%
Europe efficiency	96%
Battery	
Battery type	LFP (LiFePO4)
Battery capacity	5120-15360Wh (1-3 batteries)
Battery capacity expansion	YES (up to 133kWh)
Rated battery voltage	51.2V
Working voltage range	43.2V-57.6V
Max charging current	100-200A (1-3 batteries)
Max discharging current	100-200A (1-3 batteries)
Charging temperature	-20-55°C
Discharging temperature	-20-60°C
Heat film	200-400W
Efficiency	
Max efficiency	97%
European efficiency	96%

Power Store

Protection	
Battery under-voltage protection (settable)	Yes
Battery over-voltage protection (settable)	Yes
AC output under-voltage protection (184Vac)	Yes
AC output over-voltage protection (282Vac)	Yes
AC output over-temperature protection	Yes
AC output overload protection	Yes
Insulation impedance detection	Yes
Residual current detection	Yes
AC surge protection (three grade)	Yes

Standard	
Safety	IEC62109-1:2010, IEC62109-2:2011
EMC	IEC61851-21-2:20218, IEC61000-6-1, IEC61000-6-3
Battery	IEC62619:2022, UN38.3, MSDS
Grid	TRLV/G98:2022/VDE 4105:2018/EIFS:2018/EN50549.....
System	IEC61851-1:2017, IEC62955, IEC60529:2013, EN61984
Emissions	RED 2014/53/EU



Warranty Battery

Operation of the product	Charging temperature -20°C ~ 50°C. Discharge temperature -20°C ~ 60°C.
Storage	Storage temperature: -10°C ~ 40°C (within one month) or 0°C ~ 35°C (within one year). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	Emaldo® guarantees that the battery system will retain 70% of the usable energy for 10 years or 6000 cycles if installed and handled correctly as described in the user manual.

Inverter

Operation of the product	Operation of the product -20°C ~ 60°C
Storage	Storage temperature: -10°C ~ 40°C (within one month) or 0°C ~ 35°C (within one year). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	10-year Inverter Performance Guarantee: Emaldo® guarantees that the inverter will work according to specification if handled according to user guidelines and standards.

Cabinet

Operation of the product	Operation of the product -20°C ~ 60°C
Storage	Storage temperature: -10°C ~ 40°C (within one month) or 0°C ~ 35°C (within one year). Recommended storage humidity: 0%~95%RH (non-condensing).
Product Warranty	10-year Hardware Guarantee: Emaldo® guarantees that the hardware will work according to specification if handled according to user guidelines and standards.

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Flow

Outdoor

Emaldo® Flow is an energy-efficient air source heat pump using the natural refrigerant R290 with an ultra-low climate impact. Designed for heating, cooling and hot water, it combines A+++ efficiency, ultra-low noise levels and smart app control in one integrated solution. Reliable even in temperatures down to -25°C, making it ideal for modern Nordic homes.



General	Emaldo® Flow W6	Emaldo® Flow W9	Emaldo® Flow W13	Emaldo® Flow W16
Power Supply	220-240V~/50Hz	220-240V~/50Hz	380-415V/3N~/50Hz	380-415V/3N~/50Hz
Rated Water Flow Rate (m³/h)	1.03	1.55	2.20	2.75
Compressor Brand	MITSUBISHI/Rotary	MITSUBISHI/Rotary	MITSUBISHI/Rotary	MITSUBISHI/Rotary
Circulating Pump	Wilo/DC	Wilo/DC	Wilo/DC	Wilo/DC
Water Side Heat Exchanger	Plate	Plate	Plate	Plate
Air Side Heat Exchanger	Finned Tube	Finned Tube	Finned Tube	Finned Tube
Fan/Motor	Axial/DC	Axial/DC	Axial/DC	Axial/DC
Display	7-Inch / IPS 1024×600	7-Inch / IPS 1024×600	7-Inch / IPS 1024×600	7-Inch / IPS 1024×600
Remote Control	WIFI / APP / IOT	WIFI / APP / IOT	WIFI / APP / IOT	WIFI / APP / IOT
Refrigerant Type	R290	R290	R290	R290
Water Pipe Connection (inch)	G1 1/4"	G1 1/4"	G1 1/4"	G1 1/4"
IP Rating	IPX4	IPX4	IPX4	IPX4
Electricity Shock Proof	I	I	I	I
Weight	130±2kg	135±2kg	190±2kg	195±2kg
Dimensions (W/D/H)	1102×557×1021mm	1102×557×1021mm	1377×557×1021mm	1377×557×1021mm
SKU	EM-HP-W06-P1	EM-HP-W09-P1	EM-HP-W13-P3	EM-HP-W16-P3

Space Heating Ambient Temp. (DB/WB): 7°C/6°C, Water Temp. (Inlet/Outlet): 30°C/35°C

Equivalent Maximum Heat Production (kW)	6	9	13	16
P _{rated} (P _{designh} , Average climate) (kW)	4.8/4.9	7.1/7.1	10.0/9.9	12.9/12.6
η _s (Average climate) (%)	200/144	199/146	199/149	200/145
SCOP (EN14825 Average climate) (W/W)	5.08/3.66	5.05/3.73	5.05/3.80	5.07/3.69
ErP Level (EN14825 Average climate)	A+++/A++	A+++/A++	A+++/A++	A+++/A++
Heat Output (EN14511-2) (kW)	4.2/4.1	5.9/5.9	7.8/7.9	10.1/10.1
COP (EN14511-2) (W/W)	5.1/3.2	4.9/3.2	5.0/3.1	5.1/3.2
Sound Power Level (EN12021-1) (dB(A))	47/46	54/54	55/55	53/54
Sound Pressure Level at 1m (dB(A))	32/31	38/38	40/39	38/39

Hot Water Ambient Temp. (DB/WB): 20°C/15°C, Water Temp. from 15°C to 55°C

Heating Capacity (kW)	6.61	9.33	13.45	16.60
Power Input (kW)	1.52	2.14	3.11	3.82
Hot Water Current Input Range (A)	6.67	9.40	4.83	5.93
COP	4.35	4.35	4.32	4.35
Max. Power Input (kW)	2.8	4.5	5.4	5.8
Max. Running Current (A)	14.3	19.8	8.25	8.9
Max. Outlet Water Temp. (°C)	75	75	75	75
Operation Range (°C)	-25~43	-25~43	-25~43	-25~43

Flow

Indoor

General	Emaldo® Flow Controller AUX	Emaldo® Flow Controller AUX Tank
Power Supply	380-415V 3N~/50HZ	380-415V 3N~/50HZ
Max. Heating Power (kW)	9	9
Max. Heating Current (A)	13.7	13.7
Max. Outlet Water Temp. (°C)	75	75
Water IN/OUT Connection (inch)	G1-1/4"	G1-1/4"
DHW IN/OUT Connection (inch)	G1"	G1"
H&C IN/OUT Connection (inch)	G1"	G1"
TAP Water Connection (inch)	/	G1"
Sound Pressure dB(A) at 1m	30	31
Weight	35±2kg	125±2kg
Dimensions (W/D/H)	418×310×750mm	640×750×1950mm
IP Rating	IPX1	IPX1
Electricity Shock Proof	I	I
Water Tank (L)	/	200
SKU	EM-HP-C2-P3	EM-HP-C3-P3



Terms

The data is for reference only. The specs data is subject to actual product.

The equivalent maximum heat output is for reference only; the unit will not reach maximum output at ambient temperatures above 0 °C.

Horizon



The Emaldo® Horizon is an intelligent energy gateway that connects heat pumps, inverters, smart meters and energy storage systems into one smart home energy system. By deeply analysing data including electricity prices, weather and consumption patterns, it delivers optimal electricity strategies for battery charging and discharging, energy selling and intelligent dispatch of multiple energy resources.

General	
Dimensions (W/H/D)	165×115×25mm
Enclosure Material	Flame Retardant V1 PC +ABS Material
IP Rating	IP31
Protection Function	Short-circuit Protection, EMC (CLASS B)
Power Supply Type	Type-c Power Interface 5V~2A
Power Switch	Single click power on, Double click power off
Antenna Type	Omnidirectional Antennas
SKU	EM-GW-01

Communication protocol	
RS485*3	Meter, Inverter, Heat Pump
LAN1 (RJ45/100M Ethernet)	Router
LAN2 (RJ45/100M Ethernet)	Meter, Inverter, Private Networking
BLE 5.4 +Wi-Fi6	2.4G/5G
4G	Built-in eSIM, micro SIM card
Wi-Fi_Halow	Included
LoRa	Included

Environmental parameters	
Applicable Scenarios	Indoor
Operating Temperature	-20°C - +55°C
Operating Humidity	5% - 80%RH (Non-Condensing)
Operating Altitude	<2000m
Cooling Method	Natural Cooling

- 1. What reserve mode does Emaldo® Horizon provide?**
Emaldo® Horizon supports Scheduled Mode and AI Mode. Each mode is designed for different user needs - from full manual control to automated optimisation and participation in grid services.
- 2. Can I control the battery when using Emaldo® Horizon?**
Yes. Emaldo® Horizon communicates with the inverter to automatically manage battery charging and discharging, optimising system performance while ensuring compliance with grid requirements.
- 3. How does Emaldo® Horizon help improve energy efficiency?**
Emaldo® Horizon monitors real-time data from your inverter, battery, and smart meter. Intelligent algorithms balance self-consumption, peak shaving, and energy storage - maximising efficiency and reducing grid dependence.
- 4. Is my data safe when connected to Emaldo® Horizon?**
Yes. All communication between Emaldo® Horizon and cloud servers is fully encrypted. Emaldo® follows strict EU GDPR standards to ensure that your personal and energy data remain secure and private.

Contact us for a tailored proposal

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