



InterControl

*We keep you driving*

# High power and fast charging solutions for EV charging

[intercontrol.fi](https://intercontrol.fi)

# High power charger

## About

Hypercharger is one of the the most compact and powerful All-in-one HPC solution on the market. It is absolutely future-proof in terms of norms, future standards and all new electric vehicle designs.

Hypercharger is available in two housing sizes, many power and cable options. It provides charging voltage across the entire range from 150 VDC up to 1000 VDC which makes it possible to charge also the most technologically advanced electric vehicles and heavy traffic vehicles by CCS, not to mention electric vessels.

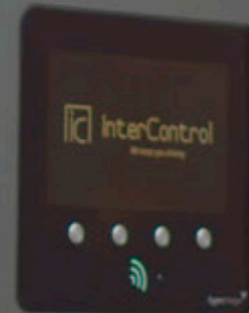
Hypercharger's modular design is unique on the market and makes possible to deliver a tailored solution without compromising performance or sacrificing quality. Ingenious Matrix technology allows power stacks to be connected parallel automatically when the vehicle requests high

power or to charge multiple EV's simultaneously, depending on the number of power stacks, the amount of charging cables installed and the layout on the site. Outstanding design, ease-of-use, high-reliability and always the best charging performance are the guarantee factors for customer satisfaction.

Hypercharger is possible to install with only one power stack and later easily add more power stacks when there is need to upgrade power output. Hypercharger is very scalable and simple to maintenance, investment in Hypercharger will continue to pay dividends for many tomorrows to come.

**hypercharger**  
by alpitronic

InterControl  
All-In-One  
High Power Charger



**NEW** Up to  
**400 kW**

**hypercharger**  
by alpitronic

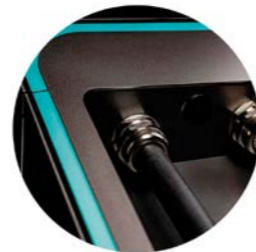
**Main  
benefits**



Up to 1200 A output  
current per charging  
system



Parallel DC charging of  
up to 3 cars



100 kW power stacks  
with 50 kW granularity  
for more user dedicated  
power sharing



Energy losses cut by over  
half, increasing efficien-  
cy from 94% to 97,5%  
through SiC (Silicon  
Carbide) based inverter  
technology



**HYC200/  
HYC400**

**High power charging  
station for electric vehicles**

Hypercharger HYC200/HYC400 is a very efficient All-in-one high power charger on the market. It is designed to meet industry norms, standards and new models of electric cars now and in the future.



**PRODUCT DATA HYC200/400**

<b>DC-connection standard</b>	CCS2 up to 500 A (prepared for 600 A boost)* CHAdeMO up to 200 A CCS1 (for Automotive Multicharger) GB/T (for Automotive Multicharger)	<b>Max. input current</b>	600 A
<b>Ambient</b>	In- and outdoor installation	<b>Power factor with active PFC correction</b>	> 0,99
<b>Working temperature</b>	-30° to +55°C	<b>Maximum DC output power</b>	100 kW (1 Power-Stack), max. 300 A 200 kW (2 Power-Stacks), max. 600 A 300 kW (3 Power-Stacks), max. 600 A 400 kW (4 Power-Stacks), max. 600 A
<b>Humidity</b>	5% - 95% relative humidity	<b>Output DC voltage range</b>	150 V - 1000 V
<b>Protection degree</b>	IP 54 / IK10	<b>Maximum output current</b>	I <sub>max</sub> : 500 A (prepared for 600 A boost)*
<b>Efficiency</b>	> 97 %	<b>Network connection</b>	GSM-/CDMA-Modem 2G / 3G / 4G 10/100Base T-Ethernet WLAN
<b>Operating noise level</b>	< 50 dBA	<b>Charging communication protocol</b>	Open Charge Point Protocol (OCPP) 1.6 J, ready for 2.0 J
<b>AC input voltages</b>	323 V – 552 V	<b>Dimensions (mm)</b>	2185 x 663 x 730 large housing 2185 x 663 x 420 small housing
<b>Input frequency range</b>	50 Hz – 60 Hz	<b>Weight</b>	~ 400-850 kg
<b>User interface</b>	15,6" screen, 4 buttons		
<b>User registration</b>	RFID reader (ISO/IEC 14443A/B, ISO/IEC 15693) Credit Card reader with QR-Code-reader (optional)		

(\*) preliminary data to be verified

# KASNÄS 50 kW

## Fast charger

### About

Hypercharger HYC50 is a compact 50 kW fast charger for electric vehicles with the best overall efficiency on the market at 97,5%. Simultaneous charging of two vehicles is possible with a power of 25 kW each.

Compact design of the charger makes it suitable for various installation locations, and works with a wide range of electric vehicle models that use CCS and CHAdeMO standards.

Hypercharger HYC50 has flexible payment options, including credit cards and RFID card access. The user-friendly interface allows easy initiation and monitoring of charging sessions.

HYC50 withstands heavy usage and guarantees long-term reliability. The front panel of the charger is fully customizable according to the company's brand.

hypercharger  
by alpitronic

**Plasma ledlampen**  
1. Laddningsstationen är utrustad med två plasma ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
2. Laddningsstationen är utrustad med två plasma ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
3. Laddningsstationen är utrustad med två plasma ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
4. Laddningsstationen är utrustad med två plasma ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
5. Laddningsstationen är utrustad med två plasma ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
**Andra ledlampor**  
1. Laddningsstationen är utrustad med två andra ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
2. Laddningsstationen är utrustad med två andra ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
3. Laddningsstationen är utrustad med två andra ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.  
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5. Laddningsstationen är utrustad med två andra ledlampor som ger en ljusstyrkt på 1000 lux vid 1 meter avstånd.

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NEW

# 50 kW

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## Main benefits



50 kW charging on one vehicle and 2 x 25 kW parallel charging possible



Continuous 150A charging current



Cable management provides ease of use for customers



A large, 10,1" touch display with RFID-reader



# HYC50

## Compact DC-charging station for electric vehicles

Hypercharger HYC50 is the first 50 kW wall-mounted fast charger on the market but it can be installed on the ground by optional pedestal. The charger is suitable for public charging, companies and organisations.

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### PRODUCT DATA HYC50

<b>DC-connection standard</b>	CCS1 and CCS2 (150A) CHAdeMO (125A) GBT	<b>Power factor with active PFC correction</b>	> 0,99
<b>Ambient</b>	In- and outdoor installation	<b>Output characteristics</b>	50kW when charging one vehicle 2 x 25kW in parallel charging mode of 2 vehicles
<b>Working temperature</b>	-30° to +55°C	<b>Output DC voltage range</b>	150V - 1000V
<b>Humidity</b>	0% - 95% relative humidity (non-condensing)	<b>Maximum output current</b>	150A when charging one vehicle (1 x 50kW) 75A in parallel sharing mode of 2 vehicles (2 x 25kW)
<b>Protection degree</b>	IP 55 / IK10	<b>Network connection</b>	GSM-/CDMA-Modem 2G / 3G / 4G 10/100Base T-Ethernet WLAN
<b>Efficiency</b>	up to 97%	<b>Charging communication protocol</b>	(OCPP) 1.6J, ready for 2.0J
<b>Operating noise level</b>	< 50dBA	<b>Mounting</b>	Mountable on wall (wallbox) or on stand
<b>AC input voltages</b>	3 x 230/277V (400/480V)	<b>Dimensions (mm)</b>	1300 x 520 x 250 (without stand)
<b>Max. input current</b>	150A	<b>Weight</b>	95 - 145 kg
<b>Input frequency range</b>	50Hz - 60Hz		
<b>Touch-display</b>	10.1" (CTP touch)		
<b>User registration</b>	RFID reader (ISO/IEC 14443A) Credit Card reader with QR-Code-reader (optional)		
<b>Max. level over sea</b>	4 000 m		
<b>Power flow</b>	Bidirectional (suitable for V2G)		

NEW

11 kW

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**Main benefits**



Efficient bidirectional (V2G) power usage for both charging and discharging



Enabling the charging with a CCS charging port



User identification with RFID card and payment terminal (optional)



A large, 7" touch-display shows charging data simply

# Latinki 11

## Bidirectional DC Wallbox for electric vehicles

Our bidirectional DC Wallbox, Latinki 11, brings new opportunities to use EVs as additional energy storages in different environments, both industrial and residential. The use of latest SiC- technologies in the structure of Latinki 11 enables more efficient power usage, for both charging and discharging. V2G/V2H adds new ways of optimizing the energy levels, especially the timing of the energy usage from the different sources; solar, wind, EV and grid for significant cost savings.



**PRODUCT DATA LATINKI 11**

DC-connection	CCS2	Output characteristics	11 kW DC charging and discharging
Ambient	In- and outdoor installation	Output DC voltage range	120 - 500 V DC
Working temperature	-25 to +50 C without derating	Maximum output current	30 A
Humidity	up to 95%	Network connection	4G/LTE, WiFi and Ethernet
Protection degree	IP54 / IK10 (not incl.display)	Charging communication protocol	OCPP 2.0.1 onwards, (OCPP 1.6 basic)
Max. level over sea	apprx. 2 000 m over sea level	Mounting	Mountable on the wall or optionally stand
AC input voltages	3 -phase 400 V	Dimensions (mm)	~ 850 x 360 x 240
Touch-display	7" touch	Weight	<60 kg
User registration	RFID, payment terminal optional		
Power flow	Bidirectional		
Power factor	> = 99%		

# We provide **THE BEST SOLUTIONS** for ev charging



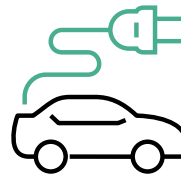
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## A NORDIC SPECIALIST OF High Power Charging

We are standing at the top position of development of cleaner traffic.

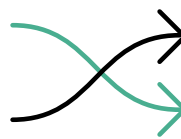
We provide the best and long-term high power and fast charging solutions including all the necessary accessories and everything you need for EV charging. We offer also busbar power distribution systems and data center solutions for all needs.

### About us & our values



#### Solid experience in electricity business

InterControl is established in 2011 and operates in the Nordic region and Baltic countries.



#### We keep you driving

We make the charging experience easy and have a strong vision of the future.



#### Responsibility & high quality

We want to promote the development of cleaner traffic. High quality and responsibility are values we stand for.



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