



# Memo Series Portable Box

Memo Series Portable Box adopts a wire-winding design for space-saving and easy carrying with EVs. It employs comprehensive electrical protection plus IP67 ingress proof and UV resistance to ensure charging safety.

EU Standard



## Simple Use

- Portable, plug & play
- Wire winding design, easy to carry

## Legible Identification

- Clear LED light indication
- Charging status identification
- Color OLED

## Robust Structure

- Corrosion proof
- IP67 ingress protection(body)

## Security & Safe

- Over & residual protection on current, voltage & frequency
- Surge Protection
- Over temperature protection

## Memo Series Portable Box

Datasheet	Model	AC3500-DE-20
Electrical Specification	Power Supply	1P+N+PE
	Rated Voltage	230V AC
	Rated Current	16A
	Frequency	50/60HZ
	Rated Power	3.5kW
Basic Attributes	Charge Connector	Type 2 Cable
	Cable Length	4m
	Enclosure	PC
	LED Indicator	Green/Yellow/Red
	Start Mode	Plug&Play
Safety	Ingress Protection	IP67 (Body)
	Impact Protection	IK10 (Without Screen)
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification Standard	IEC 62752-2018 IEC61851-21-2:2021
	Warranty	2 Years
Working Environment	Operation Temperature	-30°C-+50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	195*74*47mm (H*W*D)
	Package Dimension	360*295*155mm (L*W*H)
	Net Weight	1.9kg
	Gross Weight	2.1kg
	External Package	Handbag/Carton





# Alvis Series Home Wallbox

The stylish Alvis Series Home Wallbox is perfect for Type 2 EV models. With network connectivity and OCPP 1.6 compatibility, it offers load balancing and photovoltaic charging features. Ideal for residential use, it combines style and functionality. It is certified with ETSI EN 303 645, ensuring network security for consumer IoT devices.

EU Standard



## PV Compatible

- 0 emission PV charging
- Seamless integration with PV systems
- Adjustable current for optimized PV usage

## Intelligent

- Connectivity: Wi-Fi+4G+Bluetooth/Wi-Fi+Ethernet+Bluetooth
- Smart mobile App control
- Scheduled charging
- OCPP 1.6 Json
- Dynamic load balancing

## Flexible

- Type 2 cable
- Wall-mount/Floor stand installation
- App operation/RFID authentication/Plug & Play

## Secure & Safe

- 6mA DC RCD
- Relay-sticking protection



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Safety  
Regular Production  
Surveillance  
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## Alvis Series Home Wallbox

Datasheet	Model	AC7000-AE-25	AC011K-AE-25
Electrical Specification	Power Supply	1P+N+PE	3P+N+PE
	Rated Voltage	230V AC	400V AC
	Rated Current	32A	16A
	Frequency	50/60Hz	
	Rated Power	7kW	11kW
Basic Attributes	Charge Connector	Type 2 Cable	
	Cable Length	7m Cable (4m Optional)	
	Enclosure	PC	
	Installation	Wall-mount/Pole-mount (Optional)	
Interactive Interface	LED Indicator	Green/Yellow/Red	
	RFID Reader	Mifare ISO/IEC 14443 A	
	Start Mode	Plug&Play/RFID Card/App	
Communication	Wi-Fi & Bluetooth & Ethernet	Standard	
	Wi-Fi & Bluetooth & 4G	Optional	
	Ocpp	Ocpp1.6 Json	
Safety	RCD	6mA DC	
	Ingress Protection	IP65	
	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	TUV Mark/CE/CB/RoHS/Reach	
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021	
	Warranty	2 Years	
Working Environment	Operation Temperature	-30°C ~+50°C	
	Work Humidity	5%-95%	
	Work Altitude	<2000m	
Package	Product Dimension	328*181*87mm (H*W*D)	
	Package Dimension	420*280*190mm (L*W*H)	
	Net Weight	3.2kg	
	Gross Weight	4.0kg	
	External Package	Carton	



# Bello Series Home Wallbox

Bello Series designs to provide a stable and versatile charging environment for household use. The 7kW RFID active single-phase AC charger ensures 32A output current as a maximum. Its high compatibility allows charging for all Type 2 EV models.

EU Standard



## Small Footprint Design

- A5 paper size equipment
- 4m wiring cables

## Simple Operation

- Start/Stop charging by RFID card
- Simple HMI with LED indicators

## Flexible Option

- Type 1/Type 2 charging cable
- 16A/32A adjustable output current
- RFID authentication, optional with plug and play
- Wall-mounted/floor-stand installation

## Secure & Safe

- Over temperature protection
- Over & Residual current detection

## Bello Series Home Wallbox

Datasheet	Model	AC7000-AE-05
Electrical Specification	Power Supply	1P+N+PE
	Rated Voltage	230V AC
	Rated Current	32A
	Frequency	50/60HZ
	Rated Power	7kW
Basic Attributes	Charge Connector	Type 2 Cable
	Cable Length	4m
	Enclosure	PC
Interactive Interface	LED Indicator	Green/Yellow/Red
	RFID Reader	Mifare ISO/IEC 14443A
	Start Mode	Plug&Play/RFID
Safety	Ingress Protection	IP65
	Impact Protection	IK08
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection
	Certification Standard	EN IEC 61851-1:2019 IEC 61851-1:2017 IEC61851-21-2:2021
	Warranty	2 Years
Working Environment	Operation Temperature	-30°C-+50°C
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	233*150*70mm (H*W*D)
	Package Dimension	380*285*175mm (L*W*H)
	Net Weight	2.5kg
	Gross Weight	3.0kg
	External Package	Carton



# Caro Series Home Wallbox

Caro Series Home Wallbox, a 2023 Red Dot Award winner, adds elegance to any charging location, be it at home, in business settings, or semi-public areas. Solar power-compatible for eco-friendly charging, its intelligent load management system reduces grid peak pressures. Experience powerful load balancing with up to 25 chargers on a single circuit. Enjoy the flexibility of 1A grid charging, optimizing energy usage with seamless PV integration.

EU Standard



## Versatile

- Type 2 cable/socket
- Wall-mount/floor-stand installation
- Three enclosure colors
- Activated by NFC

## Intelligent

- Communications:  
Wi-Fi+4G+Bluetooth/Wi-Fi+Ethernet+Bluetooth
- App charging scheduling
- Dynamic load balancing with LBC

## PV Compatible

- 0 emission PV charging
- Seamless integration with PV systems
- Adjustable current for optimized PV usage

## Safe & Convenient

- 6mA DC RCD
- Relay-sticking protection
- Ergonomic and user-friendly enclosure design



Pearl White



Space Black



Emerald Green



Type Approved  
Safety  
Regular Production  
Surveillance  
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## Caro Series Home Wallbox

Datasheet	Model	AC7000-AE-35	AC7000-BE-35	ACO11K-AE-35	ACO11K-BE-35
Electrical Specification	Power Supply	IP+N+PE		3P+N+PE	
	Rated Voltage	230V AC		400V AC	
	Rated Current	32A		16A	
	Frequency	50/60Hz			
	Rated Power	7kW		11kW	
Basic Attributes	Charge Connector	Type 2 Cable/Type 2 Socket			
	Cable Length	7m Cable (4m Optional)			
	Enclosure	PC			
	Installation	Wall-mount/Pole-mount (Optional)			
Interactive Interface	LED Indicator	Green/Yellow/Red			
	RFID Reader	Mifare ISO/IEC 14443 A			
	Start Mode	Plug&Play/RFID Card/App			
Communication	Wi-Fi & Bluetooth & Ethernet	Standard			
	Wi-Fi & Bluetooth & 4G	Optional			
	OCPP	OCPP1.6 Json			
Safety	RCD	6mA DC			
	Ingress Protection	IP65	IP54	IP65	IP54
	Impact Protection	IK08			
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection			
	Certification	TUV Mark/CE/CB/RoHS			
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021			
	Warranty	2 Years			
Working Environment	Operation Temperature	-30°C ~ +50°C			
	Work Humidity	5%~95%			
	Work Altitude	<2000m			
Package	Product Dimension	344*192*100mm (H*W*D) Cable 344*192*135mm (H*W*D) Socket			
	Package Dimension	430*330*235mm (L*W*H) Cable 430*245*210mm (L*W*H) Socket			
	Net Weight	3.1kg		3.5kg	
	Gross Weight	3.6kg		4.1kg	
	External Package	Carton			





# Vita Series Business Wallbox

Vita Series Business Wallbox prioritizes safety and efficiency, complying with UK's EVSCP & EU standards. It seamlessly integrates into any setup. Effortlessly manage your charging through the cloud platform and remote maintenance. The sleek design ensures easy installation, while Wi-Fi & Ethernet connectivity enables convenient control via the mobile app. Rest assured, the MID certified energy meter guarantees the utmost accuracy in your charging experience.

EU Standard



## Simple

- Temper glass front panel
- Robust enclosure
- Easy installation
- Vinyl branding options available

## Flexible

- Type 2 cable/Type 2 socket
- Wall-mount/Floor stand installation
- App operation/RFID authentication/Plug & Play

## Intelligent

- Communications:  
Wi-Fi+4G+Bluetooth/Wi-Fi+Ethernet+Bluetooth
- Smart mobile App control
- 2.7" B&W information screen
- OCPP 1.6 Json

## Secure & Safe

- Type A+DC 6mA
- Independent RCBO
- MID certified energy meter with accurate measurement



## Vita Series Business Wallbox

Datasheet	Model	AC7000-AE-34	AC7000-BE-34	AC022K-AE-44	AC022K-BE-44
Electrical Specification	Power Supply	IP+N+PE		3P+N+PE	
	Rated Voltage	230V AC		400V AC	
	Rated Current	32A		16A	
	Frequency	50/60Hz			
	Rated Power	7kW		22kW	
Basic Attributes	Charge Connector	Type 2 Cable/Type 2 Socket			
	Cable Length	4m Cable (7m Optional)			
	Enclosure	PC		Galvanized Steel+Temper Glass	
	Installation	Wall-mount/Pole-mount (Optional)			
Interactive Interface	LED Indicator	Green/Yellow/Red			
	LCD Display	2.7" Black & White LCD			
	RFID Reader	Mifare ISO/IEC 14443 A			
	Start Mode	Plug&Play/RFID Card/App			
Communication	Wi-Fi & Bluetooth & Ethernet	Standard			
	Wi-Fi & Bluetooth & 4G	Optional			
	OCP	OCPP1.6 J2013			
Safety	RCD	30mA Type A+6mA DC			
	RCBO	Type A			
	Energy Meter	MID Certified			
	Ingress Protection	IP54			
	Impact Protection	IK08			
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection			
	Certification	TUV Mark/CE/CB			
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021			
	Warranty	2 Years			
Working Environment	Operation Temperature	-30°C ~ +50°C			
	Work Humidity	5%-95%			
	Work Altitude	<2000m			
Package	Product Dimension	356*211*136mm (H*W*D)		452*295*148mm (H*W*D)	
	Package Dimension	490*340*210mm (L*W*H)		570*390*220mm (L*W*H)	
	Net Weight	4.46kg Cable	3.2kg Socket	10.0kg	
	Gross Weight	5.68kg Cable	4.2kg Socket	12.5kg	
	External Package	Carton			



# Nano Series Duo Wallbox

The Nano Series is a new generation of 22kW AC chargers, available in both commercial and home versions, suitable for use in residential communities, commercial properties, and private settings. It supports remote parameter viewing and control, QR code, and card activation. It has 8 built-in safety protection functions to ensure user safety. It can be equipped with a wireless router that supports full network access or be wire connected to the network. Smart solutions such as load balancing and PV charging are also available to save costs and facilitate management.

EU Standard



## Innovative

- Type 2 socket / cable, 2x11kW / 1x22kW simultaneously
- Suitable for home & semi-public use
- Easy to install by plugging back plate
- 50% installation cost saving

## Intelligent

- Communications:  
Wi-Fi+4G+Bluetooth+Ethernet
- OCPP 1.6 Json
- Dynamic load balancing with LBC

## Flexible

- Compatible with all EV & PHEV models
- App operation/RFID authentication/Plug & Play
- Optional socket and cable version
- Option to add RCBO & MID Meter

## Secure & Safe

- Type A+DC 6mA
- Independent RCBO
- MID certified energy meter with accurate measurement



Type Approved  
Safety  
Regular Production  
Surveillance  
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## Nano Series Duo Wallbox

Datasheet	Model	AC022K-AE-44D	AC022K-BE-44D
Electrical Specification	Power Supply	3P+N+PE	
	Rated Voltage	400V AC	
	Rated Current	32A	
	Frequency	50/60Hz	
	Rated Power	1x22kW/2x11kW	
Basic Attributes	Charge Connector	2xType 2 Cable	2xType 2 Socket
	Cable Length	Type 2 Cable 7m Cable (4m Optional)	
	Enclosure	PC	
	Installation	Wall-mount/Pole-mount (Optional)	
Interactive Interface	LED Indicator	Green/Yellow/Red	
	RFID Reader	Mifare ISO/IEC 14443 A	
	Start Mode	Plug&Play/RFID Card/App	
Communication	Wi-Fi & Bluetooth & Ethernet	Yes	
	Wi-Fi & Bluetooth & 4G	Yes	
	OCPP	OCPP1.6 Json	
Safety	RCD	30mA Type A+6mA DC	
	RCBO	Type A (Optional)	
	Energy Meter	MID Certified (Optional)	
	Ingress Protection	IP54	
	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	TUV Mark/CE/RoHS	
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021	
	Warranty	2 Years	
Working Environment	Operation Temperature	-30°C --+50°C	
	Work Humidity	5%-95%	
	Work Altitude	<2000m	
Package	Product Dimension	540*360*199mm (H*W*D)	
	Package Dimension	620*466*245mm (L*W*H)	
	Net Weight	11.0kg	
	Gross Weight	12.0kg	
	External Package	Carton	



# Cubo Series AC Charger

Cubo Series AC Charger offers simultaneous dual charging. With high-output capability and flexible modes, it achieves extensive compatibility. Its sleek design is customizable, allowing for personalized branding. Advanced safety features ensure secure charging in any environment.

EU Standard



## Minimalistic

- Compact, slimline enclosure
- Built-in socket holder
- Easy installation

## Flexible

- Type 2 cable
- Wall-mount/Floor-stand installation
- App operation/RFID authentication/Plug & Play

## Intelligent

- Communications:  
Wi-Fi+4G+Bluetooth/Wi-Fi+Ethernet+Bluetooth
- Smart mobile App control
- Scheduled charging– for low tariffs
- OCPP 1.6 Json
- Dynamic load balancing

## Secure & Safe

- Type A+DC 6mA
- Independent RCBO
- MID certified energy meter with accurate measurement



## Cubo Series AC Charger

Datasheet	Model	AC014K-BE-34	AC044K-BE-34
Electrical Specification	Power Supply	IP+N+PE	3P+N+PE
	Rated Voltage	230V AC	400V AC
	Rated Current	32A	64A
	Frequency	50/60Hz	
	Rated Power	2x7kW	2x22kW
Basic Attributes	Charge Connector	2xType 2 Socket (2xType 2 Cable Optional)	
	Enclosure	Galvanized Steel+Temper Glass	
	Installation	Floor Stand	
Interactive Interface	LED Indicator	Green/Yellow/Red	
	LCD Screen	2.7"Black & White Screen	
	RFID Reader	Mifare ISO/IEC 14443A	
	Start Mode	Plug&Play/RFID Card/App	
Communication	Wi-Fi & Bluetooth & Ethernet	Yes	
	Wi-Fi & Bluetooth & 4G	Yes	
	OCPP	OCPP1.6 Json	
Safety	RCD	30mA+6mA DC	
	RCBO	Type A	
	Energy Meter	MID Certified	
	Ingress Protection	IP54	
	Impact Protection	IK08	
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over temperature protection	
	Certification	CE/CB/TUV Mark	
	Certification Standard	EN IEC 61851-1:2019 IEC61851-1:2017 IEC61851-21-2:2021	
	Warranty	2 Years	
Working Environment	Operation Temperature	-30°C ~+50°C	
	Work Humidity	5%-95%	
	Work Altitude	<2000m	
Package	Product Dimension	1200*290*230mm (H*W*D)	
	Package Dimension	1318*434*357mm (L*W*H)	
	Net Weight	28.5kg	27.5kg
	Gross Weight	48.5kg	45.0kg
	External Package	Wood Case	



# Corebox Series DC Charger

Corebox Series DC Charger is designed for efficiency and convenience, it delivers high-speed charging to keep you on the move. With its intelligent features, it offers seamless integration with smart grids, load balancing, and remote monitoring capabilities. The sleek and compact design fits perfectly into any environment, while the user-friendly interface provides a hassle-free experience. Equipped with advanced safety features and compatibility with various EV models, this DC charger is the perfect solution for both commercial and public charging stations.

EU Standard



## Innovative

- Anti-theft lock with special unlock tool
- App control & operation
- Faster charging with smaller installation space

## Intelligent

- OCPP 1.6 Json with CMS

## Flexible

- Wall-mount/Floor-stand
- Start modes: RFID/App/Plug & Play

## Secure and Safe

- Modular design, easy to repair and replace
- Emergency stop switch, improving the safety



## Corebox Series DC Charger

Datasheet	Model	DC030K-E2C22-80
Electrical Specification	Power Supply	3P+N+PE
	Rated Voltage	400V AC
	Rated Current	48A
	Frequency	50/60HZ
	Output Voltage	200-1000V DC
	Maximum Current	80A
	Rated Power	30kW
Basic Attributes	Charge Connector	CCS2
	Cable Length	5m
	Enclosure	Galvanized Steel
	Installation	Wall-mount/Pole-mount (Optional)
Interactive Interface	LED Indicator	Green/Yellow/Red
	LCD Display	4.3' Color Touch Screen
	RFID Reader	Support
	Start Mode	App/QR/RFID Card/Credit Card (Optional)
Communication	Wi-Fi	Yes
	Ethernet	Yes
	4G	Optional
	OCPP	OCPP1.6 Json
Safety	RCD	Optional
	Emergency Stop	Optional
	Ingress Protection	IP54
	Impact Protection	IK08
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
	Certification	CE/CB
	Certification Standard	EN IEC 61851-1 : 2019, EN 61851-23 : 2014, EN 61851-24:2014 EMC : EN 301489-1 V 2.2.3 : 2019 EN 301489-3 V 2.1.1 : 2019 EN 301489-17 V 3.2.0 : 2017 EN IEC 61000-6-2 : 2019 EN IEC 61000-6-4 : 2019 EN IEC 61851-21-2 : 2021 EN IEC 62311 : 2020
	Warranty	2 Years
Working Environment	Cooling Method	Fan Cooling
	Noise	≤65dB@22°C
	Operation Temperature	-30°C ~+50°C
	Work Humidity	5%~95%
	Work Altitude	<2000m
Package	Product Dimension	707*560*217mm (W*D*H)
	Package Dimension	847*762*420mm (W*D*H)
	Net Weight	35.3kg
	Gross Weight	40.0kg
	External Package	Carton

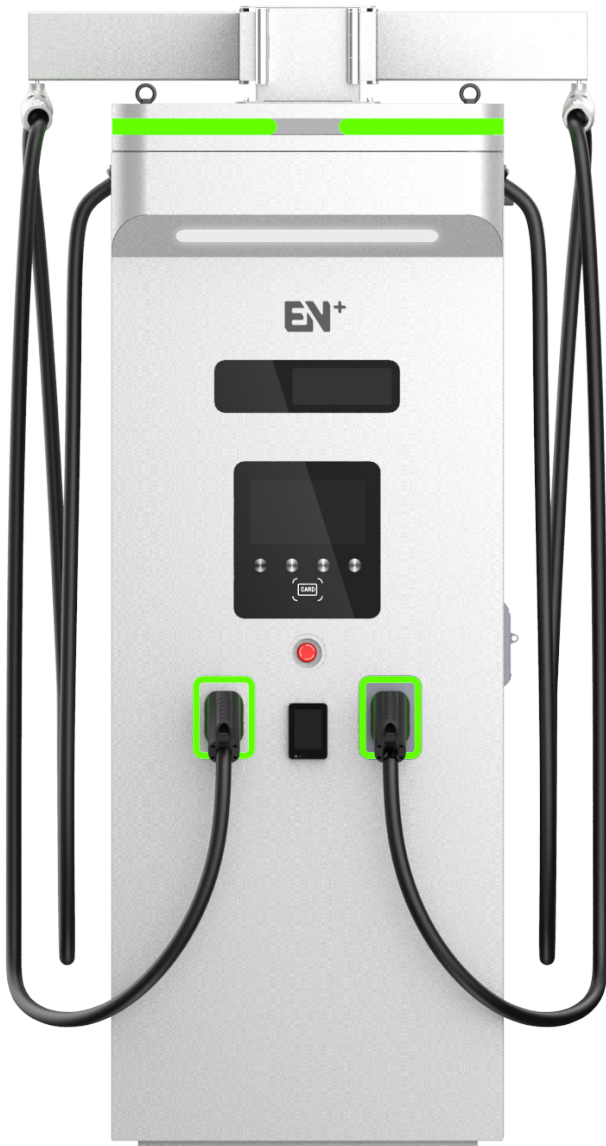




# Rocket Series DC Charger

The Rocket Series DC Charger uses a 30kW constant power module to reduce charging time with high current output. It smartly allocates power to meet different vehicle charging needs for safe and fast charging. With IP55 protection, it adapts to all weather conditions and has multiple protection functions for user safety. Maintenance is easy with support for remote OTA upgrades and operation/maintenance platforms.

EU Standard



Ongoing project, data may be modified

## Efficient

- Multiple and simultaneous outputs (CCS2, CHAdeMO, GB/T)
- Two CCS2 up to 300kW in total
- Wide voltage range: 200-1000V DC

## Optional

- App/RFID/Plug & Play
- POS terminal with contactless card payment

## Intelligent

- Multiple communication: Ethernet/4G/Wi-Fi
- OCPP 1.6 Json with CMS(OCPP 2.0 upgradeable)
- E-payment thru App/POS

## Secure & Safe

- Ingression protection: IP55
- MID certified
- ISO 15118 compliant



## Rocket Series DC Charger

Datasheet	Model	DC300K	DC240K	DC180K
Electrical Specification	Power Supply	3P+N+PE		
	Rated Voltage	400V AC ±10%		
	Rated Current	470A	376A	282A
	Frequency	50/60Hz		
	Output Voltage	200-1000V DC		
	Maximum Current	500A		
	Rated Power	300kW	240kW	180kW
Basic Attributes	Charge Connector	CCS2*2 or CCS2+GB/T		
	Cable Length	5m		
	Enclosure	Galvanized Steel		
	Installation	Floor Stand		
Interactive Interface	LED indicator	Green/Yellow/Red		
	LCD Display	15.6" Color (Button Control)		
	Start Mode	App/QR/Rfid Card/POS (Optional)		
Communication	Wi-Fi	Yes		
	Ethernet	Yes		
	4G	Optional		
	Ocpp	Open Charge Point Protocol (Ocpp) 1.6 JSON		
Electrical Parameter	Efficiency	Max95%		
	Power Factor	≥0.99@50%-100%Loading		
	THD	≤5%@100%Loading		
	Ripple Factor	≤±1%		
Safety	RCD	Optional		
	Emergency Stop	Optional		
	Ingress Protection	IP55		
	Impact Protection	IK10		
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
	Certification	CE/CB		
	Certification Standard	EN IEC 61851-1:2019 IEC 61851-1:2017 IEC 61851-21-2:2012 EN 61851-23:2014 EN 61851-24:2014		
Working Environment	Cooling Method	Fan Cooling		
	Noise	≤65dB@22°C		
	Operation Temperature	-30°C ~+50°C		
	Work Humidity	5%-95%		
	Work Altitude	<2000m		
Package	Product Dimension	Charger: 780*650*2100mm (W*D*H) Cable Management: 375*340*1123 (W*D*H)		
	Package Dimension	Charger: 1030*620*2100mm (W*D*H) Cable Management: 525*440*1200 (W*D*H)		
	Net Weight	560kg	430kg	360kg
	Gross Weight	610kg	480kg	400kg
	Cable Management Weight	Net Weight: 73.4kg Gross Weight: 79kg		
	External Package	Wood Case		



# Turbo Series DC Charger

Turbo Series DC Charger, delivering lightning-fast charging speeds ranging from 60-120kW. Designed for high-powered performance, it keeps electric vehicles on the road in no time. Seamlessly integrating with smart grids, it optimizes energy usage and enables remote monitoring and control. The sleek and robust design ensures durability and easy installation in any environment. Equipped with advanced safety features and compatibility with various electric vehicle models, this smart DC charger offers fast, efficient, and future-proof charging.

EU Standard



## Efficient

- One charger with multiple outputs, simultaneously charging
- Output up to 120kW

## Flexible

- App operation/RFID authentication/Plug & Play
- High protection grade as IP54
- Optional POS terminal for contactless credit card payment

## Intelligent

- Ethernet/4G/Wi-Fi communication all supported
- OCPP 1.6 Json with CMS
- Intelligent operation by App and cashless payment

## Secure & Safe

- Full level of electrical protection
- IK10 impact protection



## Turbo Series DC Charger

Datasheet	Model	DC060K-E2		DC120K-E2
Electrical Specification	Power Supply	3P+N+PE		
	Rated Voltage	400V±10% AC		
	Rated Current	96A	190A	
	Frequency	50/60Hz		
	Output Voltage	200-1000V DC	400V AC	200-1000V DC
	Maximum Current	125A	32A	200A
	Rated Power	60kW	22kW	120kW
Basic Attributes	Charge Connector	CHAdeMO	Type2 Cable	CCS2
	Cable Length	5m		
	Enclosure	Galvanized Steel		
	Installation	Floor Stand		
	Cable Management	Optional		
Interactive Interface	LED indicator	Green/Yellow/Red		
	LCD Display	10.1" Color Touch Screen		
	RFID Reader	Support		
	Start Mode	App/QR/RFID Card/Credit Card (Optional)		
Communication	Wi-Fi	Yes		
	Ethernet	Yes		
	4G	Optional		
	OCPP	OCPP1.6 Json		
Safety	RCD	Optional		
	Emergency Stop	Optional		
	Ingress Protection	IP54		
	Impact Protection	IK10 (Without Screen)		
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection		
	Certification	CE/CB		
	Certification Standard	EN IEC 61851-1 : 2019, EN 61851-23 : 2014, EN 61851-24:2014 EMC : EN 301489-1 V 2.2.3 : 2019 EN 301489-3 V 2.1.1 : 2019 EN 301489-17 V 3.2.0 : 2017 EN IEC 61000-6-2 : 2019 EN IEC 61000-6-4: 2019 EN IEC 61851-21-2 : 2021 EN IEC 62311 : 2020		
Warranty	2 Years			
Working Environment	Cooling Method	Fan Cooling		
	Noise	≤65dB@22°C		
	Operation Temperature	-30°C ~+50°C		
	Work Humidity	5%~95%		
	Work Altitude	<2000m		
Package	Product Dimension	Charger: 750*525*1830mm (W*D*H) Cable Management: 375*340*1123 (W*D*H)		
	Package Dimension	Charger: 1020*740*1903mm (W*D*H) Cable Management: 525*440*1200 (W*D*H)		
	Net Weight	Charger: 228.0kg Cable Management: 73.4kg		
	Gross Weight	Charger: 268.5kg Cable Management: 79kg		
	External Package	Wood Case		



# Power Module

The EN Plus 30kW DC power module is a top industrial solution designed specifically for large EV chargers. It utilizes cutting-edge power electronics technology, resulting in an impressive 96.2% efficiency and just 6W standby power consumption. This translates to significant energy savings and a reduced environmental impact. The module's ultra-wide constant output voltage range guarantees compatibility with all EV models. Its unique protection design enhances reliability and extends the service life of EV chargers, while the remote OTA function reduces operating costs for users. The module has passed TÜV CE certificate and meets EMC CLASS B requirements, ensuring its quality and safety.



**≤6W**  
Standby Power



**96.2%**  
Efficiency



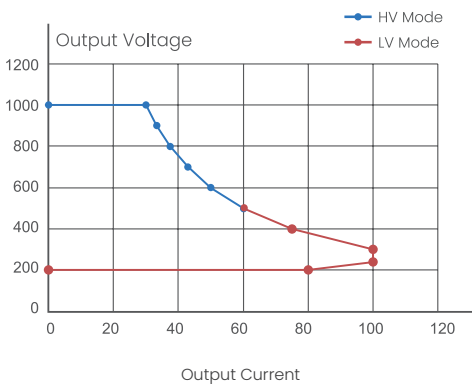
**-40°C~+75°C**  
Working Temperature



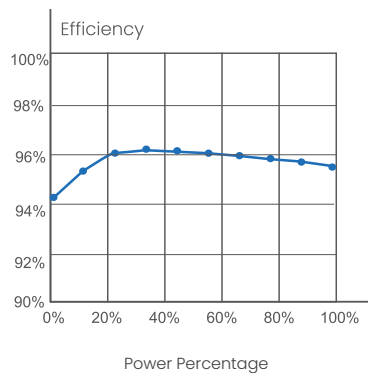
**200~1000VDC**  
Wide Output Voltage Range



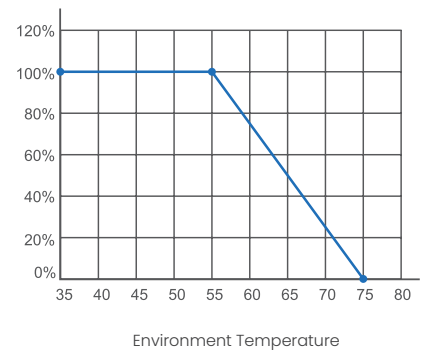
Input and Output  
Characteristic Curves



Efficiency Curve



Temperature Limit  
Power Curve



## Power Module

Datasheet	Model	DCM1000100E
Input	Power Supply	3P+PE
	Rated Voltage	260-470V AC
	Max. Input Current	60A
	Frequency	50/60Hz
	Standby Power	≤6W
Output	Maximum Power	200-1000V DC
	Max. Current	100A
	Rated Power	30kW
	Constant Power	300-1000V DC
Electrical Parameter	Power Factor	≥0.99@50%-100% Loading
	THD	≤5%@100% Loading
	Efficiency	Max 96.2%
	Steady Voltage Accuracy	±0.5%
	Steady Current Accuracy	±1%
	Voltage Deviation	±0.5%
	Current Deviation	±0.15A@ Load Current<15A, ±1% Load Current≥15A
	Ripple Factor	Peak Factor≤1%, RMS Factor<0.5%
User Interface	Soft Start Time	≤6s
	Enclosure	Aluminized Zinc Plate(SGLCC)
Communicaton	LED Indicator	Green/Yellow/Red
	Configuration	Manual/Auto
Safety	Protocol	CAN
	Ingress Protection	IP20
	Electrical Protection	Over current protection, Residual current protection, Short circuit protection, Surge protection, Over/Under voltage protection, Over/Under frequency protection, Over/Under temperature protection
	Certification	CE/TUV Mark/CB/UKCA/RoHS
	Certification Standard	EN IEC 61851-1:2019 IEC 61851-21-2:2021 Class B EN 61851-23:2014
Warranty	2 Years	
EMC/EMI	Standard	EN IEC 61851-21-2:2021 Class B
Environment	Installation	Slots
	Cooling Method	Smart Air Cooing
	Noise	≤65dB@25°C 100% loading
	Work Temperature	-40°C -+75°C (derate > 55°C )
	Work Humidity	5%-95%
	Work Altitude	<2000m
Package	Product Dimension	455*300*94mm (D*W*H)
	Package Dimension	564*380*72mm (L*W*H)
	Net Weight	17.0kg
	Gross Weight	18.0kg
	External Package	Carton