

iLink Series EV Charger Introduction

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Chelion Renewables

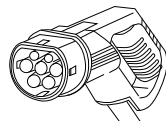
EV Charger








Artemis MID Certified



Connector Type



Type2

-  Sleek, modern design. Engineered for customer homes.
-  Can interface with Starcharge Peak Controller (optional accessories) via Ethernet to realize local dynamic load management
-  Connect to any backend based on OCPP 1.6J protocol
-  Certified MID measurement for power consumption
-  Equipped with Bluetooth for easy commissioning

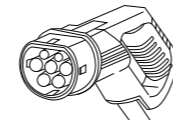
General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	7kW/32A max.
Input/Output Voltage Rating	176-264Vac, single phase, 45-65Hz, L+N+PE
Grid Type	TN-S, TN-C-S, TT, IT
Charging Interface	IEC 62196-2 Type 2 tethered plug (Case C)
Metering	Onboard metering chip, Accuracy: Class B
Internal RCD	Type A RCD + 6mA DC
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Short circuit, Over temperature, Grounding fault, Integrated surge protection
User Interface	
Display & Support Languages	Digital screen
Status Indication	LED indicator
Bluetooth	5
Button & Switch	No emergency button, with rotary switch inside(used for setting output current limitation)
User Authentication	Free Charge + RFID card + APP
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Bluetooth, Ethernet, RS485
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	Control pilot
Environmental	
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 85°C
Humidity	5% to 95% no condensation
Altitude	<3000m above sea level
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m or 7m(optional)
Dimensions (WxHxD)	280*280*148 mm
Weight	Approx. 3.75kg
Installation	Wall mounting, Pole mounting (Pole is optional)
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU, IEC 62955 (RCD), 2014/32/EU i (Metering), EN 62052-11: 2021,EN-IEC 62052-11/A11,EN 50470-3
Certification	CE-RED, CB, MID(ongoing)

Note: Pictures are for reference only, please prevail in kind.

iLink-AC-32T-M



Connector Type



Type2



Dual Connectors, simultaneous charging.



Remote monitoring and diagnosis, remote firmware update



Multiple electrical protections and Ingress Protection up to IP55



Wall mounted, back to back column installation



Multiple configurations available



Continues to operate in extreme environments

General Information	
Charging Mode	Mode 3 (IEC 61851-1)
Input/Output Power&Current Rating	2 x 22kW/2 x 32A max.
Input/Output Voltage Rating	400Vac±10%, 2*3 phases, 50/60Hz, L1+L2+L3+N+PE
Grid Type	TN-S, TN-C, TN-C-S, TT
Charging Interface	Configuration 01: 1 x IEC 62196-2 Type 2 tethered plug (Case C)
	Configuration 02: 1 x IEC 62196-2 Type 2 socket (Case B)
Metering	MID meter, Accuracy: Class 1
User Interface	
Display & Support Languages	4.3 inches screen
Status Indication	LED strip
Button and Switch	DIP switch inside (Used for setting output current limitation)
User Authentication	RFID card, App, Credit card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wifi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	Control pilot (default), ISO 15118 (optional)
Environmental	
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% no condensation
Altitude	≤2000m above sea level
Mechanical	
IP Rating	IP54@Case B, IP55@Case C
IK Rating	IK10
Cooling	Natural cooling
Charging Cable Length	5m
Dimensions (WxHxD)	395*504*197mm
Weight	Approx. 11kg (Case B) Approx.16kg (Case C)
Installation	Wall mounting, Pole mounting (Pole is optional)
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU
Certification	CE-RED, CB, UKCA, RCM, WPC, NTC

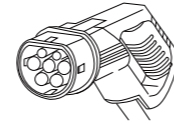
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iLink-DC-603-M

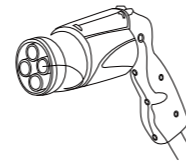


Connector Type

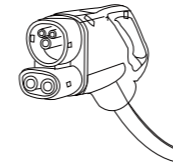
Type2



CHAdeMO



CCS2



Max 95% Efficiency



Connectivity to any backend based on OCPP 1.6J protocol



High compatibility with CCS2/ CHAdeMO/ Type2(Socket).



Cable management system equipped, easier to use.

General Information	
Input Rating	400Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE
Power Factor	≥0.98 @ Full Load
Efficiency	≥94% @ Full Load (Peak)
Grid Type	TN-S, TN-C, TN-C-S, TT
Output Interface	CCS2+CHAdeMO+Type2 (Socket)
Output Power	DC 60kW max. + AC 22kW max.
Output Voltage	CCS2: 150-550Vdc, CHAdeMO: 150-500Vdc, Type2: 400Vac±10%
Output Current	CCS2: 125A max., CHAdeMO: 125A max., Type2: 32A max.
Charging Mode	CCS2&Type2 or CHAdeMO&Type2 could be used at the same time.
User Interface	
Display	7 inches touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency button
User Authentication	RFID card, App, Credit card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wifi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN 70121, ISO 15118, CHAdeMO 1.0
Environmental	
Operating Temperature	-30°C to 55°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% no condensation
Altitude	≤2000m above sea level
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Forced Air
Charging Cable Length	5m
Dimensions (WxHxD)	1894x1050x710mm
Weight	Approx. 200kg (excluding power modules)
Installation	Ground mounting
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU
Certification	CE-RED, CB, UKCA

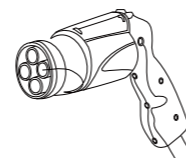
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iLink-DC-184-M

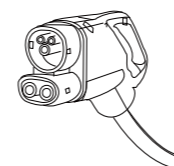


Connector Type

CHAdeMO



CCS2



Modular design, upgraded easily



Remote monitoring and diagnosis, remote firmware update (based on OCPP1.6)



Equipped with status light and 10.4 inches touch screen, easy to use



CCS2 and CHAdeMO optional, meets different EV requirements



Wide output range from 150 to 1000Vdc, suitable for almost all EV



Smart power distribution according to each EV's demand.

General Information	
Input Rating	400Vac±10%, 3 phases, 50/60Hz, L1+L2+L3+N+PE (No neutral line for IT system)
Power Factor	≥0.98 @ Full Load
Efficiency	≥94% @ Full Load (Peak)
Grid Type	TN-S, TN-C, TN-C-S, TT, IT
Output Interface	CCS2+CCS2 or CCS2+CHAdeMO
Output Power	CCS2: 180kW max.
	CHAdeMO: 62.5kW max.
Output Voltage	CCS2: 200-1000Vdc, CHAdeMO: 200-500Vdc
Output Current	CCS2: 300A max., CHAdeMO: 125A max.
User Interface	
Display	10.4 inches touch screen
Support Language	Simplified Chinese, English (Other languages available upon request)
Button and Switch	Emergency button
User Authentication	RFID card, App, Credit card (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wifi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN70121, ISO 15118
Environmental	
Operating Temperature	-30°C to 50°C
Storage Temperature	-40°C to 70°C
Humidity	5% to 95% no condensation
Altitude	≤2000m above sea level
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Forced Air
Charging Cable Length	5m or 6m(optional)
Dimensions (WxHxD)	800*2050*750mm (without connector holder and cable management system)
	800*2235*750mm (with cable management system)
Weight	Approx. 390kg (excluding power modules)
	Approx. 36kg (cable management system)
Installation	Ground mounting
Certification and standards	
Standards and compliance	IEC 61851-1, IEC 61851-21-2, IEC 61851-23, LVD 2014/35/EU, RED 2014/53/EU
Certification	CE-RED, CB, UKCA, RCM, WPC

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