



Main Features

- Excellent industrial design brings pleasant user experience.
- Support connecting to Inverter (optional accessories) via RS485 to realize charging management in the residential energy storage system.

Specifications



General Information			
Charging Mode	Mode 3 (IEC 61851-1)		
Output Power&Current Rating	7.4kW/32A max.	11kW/16A max. (Three phases input)	22kW/32A max. (Three phases input)
Input Voltage Rating	230V AC ±10%, 50/60Hz, Single phase (L1+N+PE)	400V AC ±10%, 50/60Hz, Three-phase L1+L2+L3+N+PE)	
Earthing System	TN-S, TN-C-S, TT, IT		
Charging Interface	1 x Type 2 plug (Case C)		
Metering	Onboard metering chip, Accuracy: 1%		
Internal RCD	6mA DC		
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Over temperature, Grounding fault, Integrated surge protection		
User Interface			
Screen Type	No		
Status Indication	LED indicator		
Emergency Stop Button	Optional		
User Authentication	RFID card, Free charging		
RFID Reader	ISO/IEC 14443 A		
Communication			
Connectivity	RS485		
Bluetooth	No		
Communication to the Backend	No		
Communication to the EV	Control pilot		
Environmental			
Operating Temperature	-30°C ~ 50°C		
Storage Temperature	-40°C ~ 85°C		
Humidity	5% ~ 95% no condensation		
Altitude	≤3000m		
Mechanical			
IP Rating	IP65		
IK Rating	IK10		
Charging Cable Length	5m		
Dimensions (WxHxD)	280*280*148mm (Pole: 100*1210*50mm)		
Weight	Approx. 4.0kg (Case C, include 5m cable)		Approx. 5.0kg (Case C, include 5m cable)
Installation	Wall mounting, Pole mounting (Pole is optional)		
Certification and Standards			
Standards and Compliance	IEC 61851-1, IEC 62955, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU, RoHS 2.0, REACH		
Certification	CE-RED, CB, NBTC, PTEC		



Main Features

- Excellent industrial design brings pleasant user experience.
- Support 4G, Wi-Fi, Ethernet, RS485.
- Connect to any backend based on OCPP 1.6J protocol.
- Could connect to Star Charge Peak Controller (optional accessories) via Ethernet to realize local dynamic load management.

Specifications



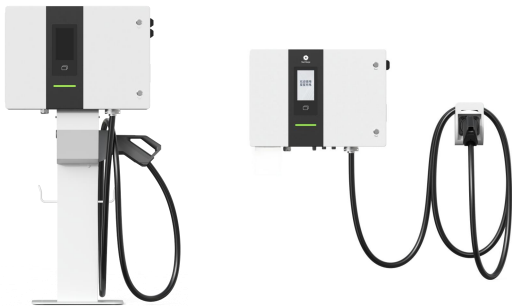
General Information			
Charging Mode	Mode 3 (IEC 61851-1)		
Output Power&Current Rating	7.4kW/32A max.	11kW/16A max. (Three phases input)	22kW/32A max. (Three phases input)
Input Voltage Rating	230V AC ±10%, 50/60Hz, Single phase (L1+N+PE)	400V AC ±10%, 50/60Hz, Three phases (L1+L2+L3+N+PE)	
Earthing System	TN-S, TN-C-S, TT, IT		
Charging Interface	1 x Type 2 plug (Case C)		
Metering	Onboard metering chip, Accuracy: 1%		
Internal RCD	6mA DC		
Protection	Overcurrent, Overvoltage, Undervoltage, Residual current, Over temperature, Grounding fault, Integrated surge protection		
User Interface			
Screen Type	No		
Status Indication	LED indicator		
Emergency Stop Button	Optional		
User Authentication	RFID card, APP, Free charging		
RFID Reader	ISO/IEC 14443 A, ISO/IEC 15693		
Communication			
Connectivity	4G, Wi-Fi, Ethernet, RS485		
Bluetooth	5.0		
Communication to the Backend	OCPP 1.6J / OCPP 2.0		
Communication to the EV	Control pilot		
Environmental			
Operating Temperature	-30°C ~ 50°C		
Storage Temperature	-40°C ~ 85°C		
Humidity	5% ~ 95% no condensation		
Altitude	≤3000m		
Mechanical			
IP Rating	IP65		
IK Rating	IK10		
Charging Cable Length	5m		
Dimensions (WxHxD)	280*280*148mm (Pole: 100*1210*50mm)		
Weight	Approx. 4.0kg (Case C, include 5m cable)		Approx. 5.0kg (Case C, include 5m cable)
Installation	Wall mounting, Pole mounting (Pole is optional)		
Certification and Standards			
Standards and Compliance	IEC 61851-1, IEC 62955, IEC 61851-21-2, LVD 2014/35/EU, RED 2014/53/EU, RoHS 2.0, REACH		
Certification	CE-RED, CB, NBTC, PTEC		

Venus V3 30kW



Main Features

- 95% peak efficiency & 100A high output current.
- 7 inches LCD touch panel & RFID card reader.
- Connect to any backend based on OCPP 1.6J protocol.
- Robust all-weather enclosure for indoor and outdoor use.



Specifications

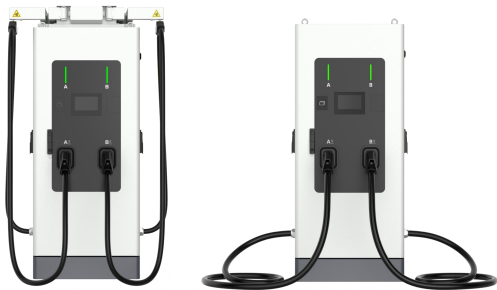
General Information	
Input Rating	400Vac±15%, 3 phases, 50/60Hz, L1+L2+L3+N+PE
Input Current Rating	AC 63A
Power Factor	≥0.99 @ full load
Peak Efficiency	95%
Grid Type	TN-S, TN-C-S, TT
Output Interface	1 x CCS2
Output Power	30kW max.
Output Voltage	150-1000Vdc
Output Current	100A max.
User Interface	
Display	7-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency button
User Authentication	RFID card, App
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J, OCPP 2.0.1 (ongoing)
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95% no condensation
Altitude	≤2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10 (Screen is IK08)
Cooling	Forced air
Charging Cable Length	5m
Dimensions (WxHxD)	700*500*257mm (Pole: 200*1431*100mm)
Weight	Approx. 77kg (including power modules)
Installation	Wall mounting, Pole mounting (Pole is optional)
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, NBTC, PTEC

Jupiter V4 60kW



Main Features

- 150-1000Vdc wide output voltage range.
- User friendly Cable Management System (Optional) for easier operation.
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

General Information	
Input Rating	400Vac± 10%, 3-phase, 50/60Hz, L1+L2+L3+N+PE (No neutral line for IT system)
Input Current Rating	AC 91A
Power Factor	≥0.99 @ full load
Peak Efficiency	95%
Grid Type	TN-S, TN-C-S, TT, IT
Output Interface	CCS2+CCS2
Output Power	60kW max
Output Voltage	150-1000Vdc
Output Current	200A max
User Interface	
Display	7.0-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency button
User Authentication	RFID card, App (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J
Protocol (EVSE&EV)	DIN70121, ISO 15118
Environmental	
Operating Temperature	-30°C ~ +50°C (derating over 50°C)
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95% no condensation
Altitude	≤2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Forced air
Charging Cable Length	5m
Operating Range with Cable Management System	5m cable @ approx. 4m operating range (cable will not touch ground)
Dimensions (WxHxD)	700*1650*470mm (without cable management system) 1020*1770*470mm (with cable management system)
Weight	Approx. 205kg (excluding power modules & cable management system) Approx. 33kg (cable management system) / Approx. 15kg per power module
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, NBTC, PTEC

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

Titan V5 120kW



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional)
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

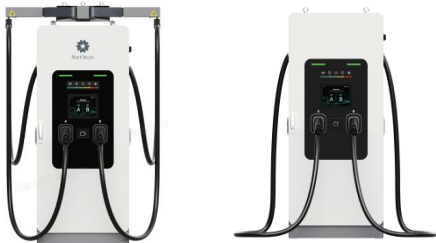
General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	185A
Power Factor	≥0.99 @ full load
Peak Efficiency	95%
Grid Type	TN-S, TN-C, TN-C-S, TT
Connector Type	CCS2+CCS2
Output Power	120kW max
Output Voltage	150-1000Vdc
Output Current	rated 300A
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE & Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE & EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C to +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air
Charging Cable Length	5m
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground)
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)
Weight	Approx. 433kg (without cable management system) Approx. 28kg 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, CB, NBTC, PTEC

Titan V5 180kW



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional) .
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	277A
Power Factor	≥0.99 @ full load
Peak Efficiency	95%
Grid Type	TN-S, TN-C, TN-C-S, TT
Connector Type	CCS2+CCS2
Output Power	180kW max
Output Voltage	150-1000Vdc
Output Current	rated 300A
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE & Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE & EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C to +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air
Charging Cable Length	5m
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground)
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)
Weight	Approx. 463kg (without cable management system) Approx. 28kg 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, CB, NBTC, PTEC

Titan V5 240kW



Main Features

- 150-1000Vdc wide output voltage range.
- Cable management system (Optional)
- Connect to any backend based on OCPP 1.6J protocol.



Specifications

General Information	
AC Rated Input Power	400V/3P+N+PE 50/60Hz
AC Input Voltage Range	400V±15%
AC Rated Input Current	361A
Power Factor	≥0.99 @ full load
Peak Efficiency	96.5%
Grid Type	TN-S, TN-C, TN-C-S, TT
Connector Type	CCS2+CCS2
Output Power	240kW max
Output Voltage	150-1000Vdc
Output Current	rated 300A
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency stop button
User Authentication	RFID card, App (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE & Backend)	OCPP 1.6J, OCPP 2.0.1
Protocol (EVSE & EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C to +55°C (Derating above 50°C)
Storage Temperature	-40°C to +70°C
Humidity	5% to 95% (no condensation)
Altitude	≤2000m
Mechanical	
Enclosure	IP55 / IK10 (IK08 for screen)
Cooling	Forced air
Charging Cable Length	5m
Cable Management System	Optional / Swing Arm version 5m cable @ approx. 3.8m operating range (cable will not touch ground)
Dimensions (WxHxD)	750*1790*720mm (without connector holder and cable management system)
Weight	Approx. 475kg (without cable management system) Approx. 28kg 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, CB, NBTC, PTEC

Titan V4 320kW



Main Features

- 150-1000Vdc wide output voltage range, compatible with most EV models in market.
- High performance, 97% efficiency & maximum 500A output.
- User friendly Cable Management (optional) for easier operation.
- Light on the top(optional) for clearer indication.
- Connect to any backend based on OCPP protocol.
- Dynamic load management.



Specifications

General Information	
Input Rating	400Vac± 15%, 3 phases, 50/60Hz, L1+L2+L3+PE+N
Input Current Rating	AC 481A
Power Factor	≥0.99 @ full load
Peak Efficiency	97%
Output Interface	CCS2+CCS2
Output Power	320kW max
Output Voltage	150-1000Vdc
Output Current	300A rated (500A max.)
User Interface	
Display	10.4-inch touch screen
Support Language	English (Other languages available upon request)
Button and Switch	Emergency Button
User Authentication	RFID card, App, Payment terminal (optional)
RFID Reader	ISO/IEC 14443 A/B, ISO/IEC 18092, IEC/ISO 15693
Communication	
Network Interface	4G, Wi-Fi, Ethernet
Protocol (EVSE&Backend)	OCPP 1.6J (OCPP2.0 could be updated in the future)
Protocol (EVSE&EV)	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30℃ ~ +50℃ (derating over 50℃)
Storage Temperature	-40℃ ~ +70℃
Humidity	5% ~ 95% no condensation
Altitude	≤2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10 (Screen is IK08)
Cooling	Forced air
Charging Cable Length	5m
Cable Management System (optional)	Swing Arm version
Operating Range with Cable Management System	5m cable @ approx. 3m operating range (cable will not touch ground)
Dimensions (WxHxD)	800*2050*750mm 1259*2225*800mm (with cable management system)
Weight	Approx. 410kg (excluding power modules)/CMS approx. 36kg/Upper LED light approx. 15.5kg/Approx. 17kg per power module*
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, NBTC, PTEC

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

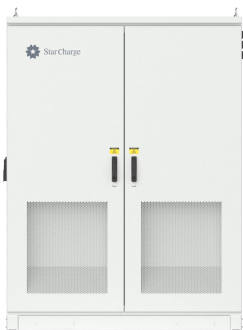
Nova V4 720kW Power Cabinet



Main Features

- Smart power pool technology.
- 97% peak efficiency & high output current.
- Up to 720kW output power in total.
- Connect with 12 outputs max per power cabinet.
- Small footprint.

Specifications



Product Information	
AC Input Voltage	400Vac±15%, three-phase, 50/60Hz, 2 x (L1+L2+L3+N+PE)
AC Input Current	1100A
Power Factor	≥0.99 @ full load
Peak Efficiency	97%
Earthing System	TN-S, TN-C-S, TT
Output Power	720kW
Output Voltage	150-1000V DC
Output Current	2400A max
Overvoltage	CAT III
Scene Conditions	C3-M
User Interface	
Button	Emergency stop button
Communication	
Connectivity	4G, Wi-Fi, Ethernet
Communication to the Backend	OCPP 1.6J
Maximum Supported Dispenser per power cabinet	12 connectors
Environmental	
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95% no condensation
Altitude	≤2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Forced air
Dimensions (WxHxD)	1503 x 2149 x 1220mm
Weight	Approx. 880kg (power cabinet) Approx. 17kg (one power module)
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, CB, NBTC, PTEC

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

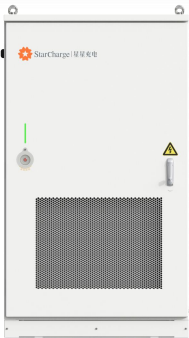
Nova V5 Power Cabinet



Main Features

- Smart power pool technology.
- Up to 480kW output power in total.
- Connect with 12 outputs max per power cabinet.
- Small footprint.

Specifications



Product Information	
AC Input Voltage	400Vac±15%, three-phase, 50/60Hz, 2 x (L1+L2+L3+N+PE)
AC Input Current	730A
Power Factor	≥0.99 @ full load
Peak Efficiency	96.5%
Earthing System	TN-S, TN-C-S, TT
Output Power	480kW
Output Voltage	150-1000V DC
Output Current	1600A max
Overvoltage	CAT III
Scene Conditions	C3-M
User Interface	
Button	Emergency stop button
Status Indication	LED indicator
Communication	
Connectivity	4G, Wi-Fi, Ethernet
Communication to the Backend	OCPP 1.6J/OCPP 2.0.1
Maximum Supported user unit per power cabinet	12 connectors
Environmental	
Operating Temperature	-30℃ ~ +50℃
Storage Temperature	-40℃ ~ +70℃
Humidity	5% ~ 95% no condensation
Altitude	≤2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Forced air
Dimensions (WxHxD)	1050*1750*1150mm
Weight	Approx. 615kg
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, NBTC (ongoing), PTEC (ongoing)

Nereus 720 LC Power Cabinet



Main Features

- Smart power pool technology.
- Up to 720kW output power in total.
- Connect with 18 outputs max per power cabinet.
- Small footprint.



Specifications

Product Information	
AC Input Voltage	400Vac±15%, three-phase, 50/60Hz, 2 x (L1+L2+L3+N+PE)
AC Input Current	1100A
Power Factor	≥0.99 @ full load
Peak Efficiency	96.5%
Earthing System	TN-S, TN-C-S, TT
Output Power	720kW
Output Voltage	150-1000V DC
Output Current	2400A max
Overvoltage	CAT III
Scene Conditions	C3-M
User Interface	
Button	Emergency stop button
Status Indication	LED indicator
Communication	
Connectivity	4G, Wi-Fi, Ethernet
Communication to the Backend	OCPP 1.6J/OCPP 2.0.1
Maximum Supported user unit per power cabinet	18 connectors
Environmental	
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95% no condensation
Altitude	≤2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10
Cooling	Liquid-cooling (ethylene glycol)
Dimensions (WxHxD)	2000*2100*950mm
Weight	Approx. 1800 kg
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, NBTC (ongoing), PTEC (ongoing)

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

Nereus 720 LC Power Cabinet



Liquid Cooling Unit	
Capacity of power module	40kW
Fluid quick connector	Hot-swappable
Estimated thermal load per module	1.2kW per power module @400Vac input,@800Vdc output
Coolant flow rate	≥110L/min per power cabinet(18 power modules)
Redundancy	Yes. Two coolant pumps and three fans.
Pump type and rated pressure	Centrifugal pump, rated pressure 2 bar max

Hydrus Pro Natural-cooling Dispenser



Main Features

- Smart ID design.
- 150-1000V DC wide output voltage range.
- 600A DC max of output current.
- User friendly Cable Management System for easier operation.



Specifications

Product Information	
Input Voltage	230V AC $\pm$ 15%, 50/60Hz, Single-phase (L+N+PE)
Charging Interface	CCS2+CCS2
Output Voltage	150-1000V DC
Output Current	400A rated (600A max.)
Metering	CE meter
User Interface	
Screen Type	7-inch touch screen
Status Indication	LED indicator
Button	Emergency stop button
User Authentication	RFID card, QR code, APP (optional), Free charging, MAC authentication
Communication	
Connectivity	Ethernet
Communication to the EV	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95% no condensation
Altitude	$\leq$ 2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10 (Screen IK08)
Cooling	Forced air
Charging Cable Length	5m
Dimensions (WxHxD)	500 x 1700 x 250mm (Without CMS) 500 x 1842 x 250mm (With CMS)
Weight	Approx. 130kg
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, NBTC, PTEC

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

Hydrus Plus Liquid-cooling Dispenser



Main Features

- Smart ID design.
- 150-1000V DC wide output voltage range.
- 800A DC max of output current.
- User friendly Cable Management System for easier operation.



Specifications

Product Information	
Input Voltage	230V AC $\pm$ 15%, 50/60Hz, Single-phase (L+N+PE)
Charging Interface	CCS2+CCS2
Output Voltage	150-1000V DC
Output Current	600A rated (800A max.)
Metering	CE meter
User Interface	
Screen Type	7-inch touch screen
Status Indication	LED indicator
Button	Emergency stop button
User Authentication	RFID card, QR code, APP (optional), Free charging, MAC authentication
Communication	
Connectivity	Ethernet
Communication to the EV	DIN 70121, ISO 15118
Environmental	
Operating Temperature	-30°C ~ +50°C
Storage Temperature	-40°C ~ +70°C
Humidity	5% ~ 95% no condensation
Altitude	$\leq$ 2000m
Mechanical	
IP Rating	IP55
IK Rating	IK10 (Screen IK08)
Cooling	Liquid
Charging Cable Length	5m
Dimensions (WxHxD)	500 x 1900 x 450mm (Without CMS)
Weight	TBD
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

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