

Nova V4 480kW Power Cabinet



Main Features

- Smart power pool technology.
- 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	737A AC
Power Factor	≥0.99 @ Full Load
Peak Efficiency	95%
Earthing System	TN-S, TN-C-S, TT
Output Power	480kW
Output Voltage	150-1000V DC
Output Current	1600A
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
EVSE Cooling	Forced air-cooling
Dimensions (WxHxD)	1503 x 2149.5 x 1220mm
Weight	Approx. 800kg (power cabinet) Approx. 15kg (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-RED, CB, RCM, TR25

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
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
EVSE Cooling	Forced air-cooling
Dimensions (WxHxD)	1503 x 2149.5 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-RED, CB, RCM