

DATASHEET

VP2402

240 KW DOUBLE PLUG CCS2 DC FAST HIGH POWER CHARGER



Mode 4 Fast Charging

Mode 4 uses direct current (DC) for charging the car's battery directly. This mode is defined for fast charging and applied for up to 400 A DC charging stations. AC supplied by the grid is converted to DC through an external inverter on a charger. Hence the onboard charger is bypassed and the battery can be charged directly from an external source. This allows high charging currents and thereby fast charging.



15.0" Touch Display



Communication Protocol OCPP 1.6



Enclosure Protection IP54-IK10



Over Current Protection



Over Voltage Protection



Short Circuit Protection



Current Leak Protection



Voltage Fluctuation Protection



Over Temperature Protection



Lightning Protection

Images are for illustrative purposes only and may vary in reality.

Technical Data

VP2402 High Power Charger

AC Input

Voltage	V	400 ± 10%
Current per Phase	A	365
Frequency	Hz	50
Power factor	cos phi	> 0.99 at Full Load
Short Circuit Current Rating	kA	36
Network Type		TN-C, TN-S, or TT

DC Output

Rated power	kW	240
Upgradeability	kW	240
Voltage Range	V	150-1000
Current of Connected Cables	A	0-400
Efficiency Factor	%	95
Power Modules		Huawei R100040G2

Structure

Application		Indoor and Outdoor
Cabinet Materials		Metal
Cable Length	m	5
Working temperature	°C	-20;+40
Working humidity	%	5-95
Number of Plug		2

General

Charging standard		IEC61851-1/2/3/4
Communication standard		DIN70121 / IS015118-1/2/3 ed1
Compliance and safety		CE/EN 55011
DC charging connection		CCS Type-2 (IEC 62196)
Dielectric withstand	V	3000
Backend		OCPP 1.6J
Operational noise level		< 40 dB(A) @ 30
System weight	Kg	290
IP Protection		IP54
Environment operating		ISO 12944: C4 H
Dimensions	mm	H=1905 , W=760 , D = 700
Communications Interface		CAN, RS485, Ethernet,4G,Wi-Fi
User Interface		TFT Display Touch Screen 400 nit
Display Screen		15" Screen
Electric safety		Surge protection
Color		Grey