

Venus V3

Compact DC Fast Charger 20/30 kW



Fleet Depot



Destination



Public Charging



CCS2



Venus V3

Venus V3 is an integrated type DC charger available in 20kW and 30kW power ratings. It supports wall mounted and pedestal installation, suitable for a wide range of indoor and outdoor charging scenarios.



Wide voltage Design

Output voltage ranges from 150-1000 V DC



User friendly Experience

7 inch touch screen and low noise operation



Easy to install Structure

20 minute installation and 5 minute commissioning; filter replacement finished within one minute, dust proof for effortless maintenance



Strong Compatibility

Wall mounted and pedestal mounted installation available, suitable for various indoor and outdoor charging scenarios

Specifications

Specifications are subject to change without notice.

	20kW	30kW
General Information		
Input Voltage	400V AC±15% , 50/60Hz, 3/N/PE	
Rated Input Current	47A	63A
Earthing System	TN-S, TN-C-S, TT	
Power Factor	≥0.99 @ Full Load	
Efficiency	up to 95%	
Connector Type	CCS2	
Output Voltage	150-1000V DC	
Output Current	80A rated	100A rated
User Interface		
Display	7-inch touch screen	
Support Language	Multilingual system	
Button	Emergency stop button	
User Authentication	RFID, QR code, APP (optional), Free charging, MAC authentication	
Communication		
Network Interface	3G/4G, Wi-Fi, Ethernet	
Backend Protocol	OCPP 1.6J, OCPP 2.0.1 (OTA)	
EV Communication Protocol	DIN 70121, ISO 15118	
Environmental		
Operating Temperature	-30°C to +50°C(derating over 50°C)	
Storage Temperature	-40°C to +70°C	
Humidity	5% to 95% (no condensation)	
Altitude	≤2000m	
Corrosion Protection Class	C3-M	
Mechanical		
IP Rating	IP55	
IK Rating	IK10	
Cooling	Air-cooled	
Charging Cable Length	5m (other length optional)	
Dimensions (WxDxH)	700 × 257 × 500mm (Pole: 450 x 437 x 1431mm)	
Weight	Approx. 77kg	
Installation	Wall mounting, Pole mounting (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, CB	

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