

Datasheet Chargewell

Fastpower 180 V2



Charge Station Specification	
Charge outlet	2x CCS2 (5 m cable)
Output power	180 kW max; 80 kW max. per plug @ 400 V; 160 kW max. per plug @ 800 V.
Output voltage	150 - 1000 V dc
Output current	200 A max.
Charging mode	IEC Mode 4
Backend protocol	OCPP 1.6J
Connectivity	4G / WiFi / Ethernet
Authentication	ISO/IEC 14443 A/B / Mifare RFID reader
User interface	10.4" LCD Touch Panel, Emergency stop button
Energy meter	CE DC Meter
Housing material	304 Stainless steel
Standard colour	Silver with black
Protection	IP55 / IK10 (housing) IK08 (screen)
Operating ambient temperature	-30° C - +50° C
Operating ambient humidity	Max. 95%, no condensation
Max. installation altitude	≤ 2000 m
Dimensions	800 x 2050 x 750 mm (depth without connector holder)
Weight	485 kg (including power modules)
Mounting	Ground-mounted
Electrical specifications	
Input voltage	400 V ac (three phase) (50/60 Hz)
Input power rating	Max. 3 x 278 A (192 kW)
Earth leakage protection	Type A RCD
Overcurrent protection	MCCB (AC side) + Fuse (DC side)
Power Factor	0,98 at nominal output power
Current THD	≤ 5% at nominal output power
Efficiency Rectifier	≥ 95% at nominal output power
Class	Class I
Load balancing	Supported (release Q2 2023)
Wiring (input)	YJV-0.6/1kV 3x 150mm ² + 2x 70mm ²
Quality and Certification	
	CE, TR25
Warranty	
	2 years
Revision date	
	V3.0_31/03/2023

