

Jupiter V5

DC All-in-One High Power Charger
60kW / 80kW / 120kW



Fleet Depot Destination Public Charging



CCS2



GB/T



Jupiter V5

Jupiter V5 is a compact all in one DC fast charging pile designed for global public and destination charging scenarios. It comes with 60kW, 80kW and 120kW power options. Flexible connector configuration is available to meet the charging requirements of different vehicle standards, covering fleet depots, destination charging sites and public charging stations.



Multi interface Configuration

Supports CCS2+CCS2 and CCS2+GB T combinations. One charger serves multi standard electric vehicles.



High Efficiency & Energy Saving

Boasts 96% peak efficiency for low energy waste. Dynamic power allocation optimizes power usage for dual gun charging. Dual channel air flow design ensures steady thermal performance.



User friendly Operation

Fitted with a 10.4 inch touch screen and LED status lights, low noise operation. CMS charging management system is optional.



Rugged Outdoor ready Build

IP55 dust water proof and IK10 impact resistant. Certified to CE and CB. Compact footprint supports mass scale outdoor deployment with strong environmental adaptability.

Specifications

Specifications are subject to change without notice.

	60kW	80kW	120kW
General Information			
Input Voltage	400V AC±15% , 50/60Hz, 3/N/PE		
Rated Input Current	93A	123A	185A
Earthing System	TN-S, TN-C-S, TT		
Power Factor	≥0.99 @ Full Load		
Efficiency	up to 95.76%	up to 97%	up to 95.4%
Connector Type	CCS2+CCS2, CCS2+GB/T		
Output Voltage	CCS2: 150-1000V DC GB/T:150-950V DC		
Output Current	CCS2:200A rated	CCS2:250A rated	CCS2:250A rated (300A max.)
	GB/T:200A rated	GB/T:250A rated	GB/T:250A rated (300A max.)
User Interface			
Display	10.4-inch touch screen		
Support Language	Multilingual system		
Button	Emergency stop button		
User Authentication	RFID, QR code, APP (optional), Free charging, MAC authentication, credit/debit card(optional)		
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℃ to 50℃ (derating over 50℃)		
Storage Temperature	-40℃ to +70℃		
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)		
Cable Management System(CMS)	Swing Arm version(optional)		
Dimensions (WxDxH)	760 × 600 × 1600mm (without CMS)		
Weight	Approx. 240kg	Approx. 250kg Approx. 28kg CMS	Approx. 281kg
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		

follow us for more information

 www.starcharge.com

