80/120/160 kW
EV CHARGING STATION

Highlights

- 8-inch touch screen with RFID
- 4G connectivity
- LED light for easier access at night
- OCPP 1.6J support
- Complete In-house development for power modules and control unit
- Nayax Cashless Payment integrated (optional)

Technical Ratings	80kW	120kW	160kW
AC Input			
Connection type	U/V/W+N+PE		
Input voltage	400V±10%		
Input frequency	50Hz/60Hz±10%		
Rated power	80kW	120kW	160kW
Max input current	160A	240A	320A
Power factor	≥0.98，Maximum value		
THDi	≤5%，Best case		
Max. efficiency	≥94%		
DC Output			
Charging interface	Port A: CCS2	Port B: CCS2，IEC 62196-3, DIN70121	
Communication with EV	DIN 70121, ISO 15118		
Output voltage range	250~1000Vdc		
DC Output – When both guns are used for charging at the same time			
Maximum output current	100A,each gun	150A,each gun	200A,each gun
Maximum output power	40kW,each gun	60kW,each gun	80kW,each gun
Rated output voltage[1]	400Vdc		
DC output – When only single gun is used			
Maximum output current	200A	250A	250A
Maximum output power*	80kW	120kW	160kW
HMI			
Touch screen	8-inch touch screen		
RFID[2]	IEC/ISO14443A/B，Mifare/Felica optional		
Payment terminal	Nayax VPOS touch		
Network	4G modem，Ethernet port *1		
Protocol for backend[3]	OCPP 1.6J		
Ambient Conditions			
Operating temp. range	-10~+50℃		
Operating humidity	5~95%		
Operating altitude	≤2000m		
Mechanical Data			
Dimension (W*D*H)	750*620*1800mm (Package 1200*860*2020mm)		
Degree of protection	IP54		
Cooling method	Force air cooling		
Charging cable length	5.0m		
Noise level	≤75dB		
Weight	250kg	300kg	350kg
Standard and Compliance			
Standard	IEC 61851-1, IEC 61851-23, IEC 61851-24, IEC 62196-3 IEC 61851-21-2, IEC 61800-2, IEC 61800-4		
Certification mark	CE		

*** Specifications are subject to change without notice.**
The final interpretation belongs to Shenzhen Increase International Co., Ltd.

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