

3.5–22 KW AC Type-2



Features:

- IEC 62196 plug up to 22 KW
- User authentication via RFID Card
- Stylish, ergonomic, and customizable design.
- Certified for Indoor & Outdoor applications.
- 100% unmanned
- Wired connectivity, Easy to Install, operate and service.
- For indoor and outdoor applications, reliable IP55/IK10 ingress protection

Applications:

- EV Charger Infrastructure
- Highway Fuel Outlets/Service Station
- Park garage/Back Office
- Mall, shopping complex, university
- Commercial fleet operators
- EV dealer workshop



Sl. No.	Parameters	Values			
General Requirements					
1.	EV Charger Type	AC			
2.	Charger Capacity	3.5KW	7.4KW	11KW	22KW
3.	Model No.	NPS-3.5 K(A)16H	NPS-7.4K(A)32H	NPS-11K(A)16H	NPS-22K(A)32H
4.	Mounting	Wall/Pole Mount			
Input Requirements					
5.	AC Input Supply	Single Phase 3 wire		Three Phase 5 wire	
6.	Input Voltage	200 VAC ±10%		400 VAC ±10%	
7.	Input Frequency	50-60 Hz			
Environmental					
8.	Ambient Temperature	-25 to 70°C			
9.	Storage Temperature	-35 to 75°C			
10.	Ambient Humidity	5 to 95%			
Output Power					
11.	No. of Gun	One Type-2 Gun			
12.	Voltage Output	100-220 VAC		300-440 VAC	
13.	Current Output	16 to 32 Amps			
14.	Power Factor	≥0.99(50% load above)			
User Interface and HMI					
15.	HMI and Touch	N/A			
16.	User Authentication	RFID Access			
17.	Metering Details	Consumption Units (Kwh)			
Communication					
18.	EVSE to CMS	N/A			
19.	EVSE to EV Vehicle	CP&PP Communication			
Mechanical					
20.	IP/IK Rating	IP55/IK08			
21.	Cooling	Natural Air Cooling			
Protection and Safety					
22.	Executive Standard	Type-2 Gun IEC 62196-2			
23.	Safety Parameter	Over Current, Under Voltage, Residual Current, Surge Protection, Leakage Protection, Short Circuit, Over Temperature etc.			

Product Code

7.4 KW-NPS-7.4K(A)32C	220V 1ph, Ethernet, cloud based, TYPE2 Single
7.4 KW-NPS-7.4K(A)32H	220V 1ph, RFID Tag TYPE2 Single
11 KW-NPS-11K(A)16C	415V 3ph, Ethernet/GSM connected, cloud based, TYPE2 Single
11 KW-NPS-11K(A)16H	415V 3ph, RFID Tag TYPE2 Single
22 KW-NPS-22K(A)32C	415V 3ph, Ethernet/GSM connected, cloud based, TYPE2 Single
22 KW-NPS-22K(A)32H	415V 3ph, RFID Tag TYPE2 Single

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