

3.5–22 KW

Smart Socket



Features:

- IEC 60309 plug up to 22 KW
- RS 485 & controllable through Neptune mobile app
- 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)16S	NPS-7.4K(A)32S	NPS-11K(A)16S	NPS-22K(A)32S
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 Industrial Socket			
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	Mobile Application			
17.	Metering Details	Consumption Units (Kwh)			
Communication					
18.	EVSE to CMS	RS 485			
19.	EVSE to EV Vehicle	N/A			
Mechanical					
20.	IP/IK Rating	IP55/IK08			
21.	Cooling	Natural Air Cooling			
Protection and Safety					
22.	Executive Standard	Industrial Socket IEC 60309			
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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