



PHEILIXTM

Pheilix Eco Version

230V 16/32A 3.6/7.2KW

Product Code No :

EVCS316S/EVCS316T(Socket outlet)

EVCS316T/EVCS316T(5m tethered cable with Type 2 Gun

Code Description :

EV Charger three phase 3.6/7.2KW 16/32A Socket outlet/Tethered with 5m cable leads



Socket Outlet Version



Tethered Version

Technical Specifications

7.2Kw 32A

Compliant with EU directives

- Low voltage directive 2014/35/EU
- Safety Compliance : IEC 61851-1:2019, IEC61851-22
- EV charging Connectors compliant with IEC 62196-1:2003

Competitive Key Advantages

- Type B pure DC RCD for earth leakage protection
- Independent EV Charge controlling modules
- Independent AC Contactor
- Emergency Stop
- IP65 enclosure for outdoor installation
- IP55 as IEC standard /reach IP65
- CE/CB/TUV approved
- 3 Year Warranty

Optional Choice(IP65)



Note : Customized design need at least 60 days producing time.

Performance

Housing case	Stainless
Mounting Location	Outdoor /Indoor (permanent mounting)
Charging Model	Model 3(IEC61851-1)
Charging Interface Type	IEC62196-2 Type 2 socket, Tethered optional
Charging current	10-32A
Display	RGB Led indicator as standard
Operation	Free charge
IP Grade	IP65
Operation Temperature	-30°C ~ +55°C
Operation Humidity	5% ~ 95% without condensation
Operation Attitude	<2000m
Cooling method	Natural air cooling
Enclosure Dimensions	390x230x130mm
Weight	10KG

Electrical Specifications

Input Voltage	230Vac ± 10%
Input Frequency	50Hz
Output Power	3.6/7.2KW
Output Voltage	400Vac
Output Current	10-32A
Standby power consumption	1w
Earth leakage protection	√
No earth rod required as standard	√
Independent AC Contactors	√
Solenoid locking mechanism	√
Emergency Stop Button	√

Regulation and Standard

EN IEC 61851-1:2019	Electric vehicle conductive charging system. General requirements
EN 61851-22:2002	Electric vehicle conductive charging system. A.C. electric vehicle charging station
EN 62196-1:2014	Plugs, socket-outlets, vehicle connectors and vehicle inlets. Conductive charging of electric vehicles. General requirements
Applicable Regulations	Electromagnetic Compatibility Regulations 2016
	Electrical Equipment Safety Regulations 2016
	Regulations: restriction of hazardous substances (RoHS)
	Radio Equipment Regulations 2017
BS 8300:2009+A1:2010	Design of an accessible and inclusive built environment. Buildings. Code of practice
BSI PAS1878 & 1879 2021	Energy Smart Appliances – System functionality and architecture & Demand side response operation
Installation	
BS 7671	Wiring Regulations 18 th edition+2020EV Amendment

Optional Accessories

Mounting Pole	Optional
Gun bracket for tethered version	Included
Cable hook for tethered version	Optional
5m Type2 to Type 2 cable leads	Optional