

NACS AC/DC Charging connector 1.0

NACS Charging connector

Designed for home, workplace.



Workersbee is an enterprise engaged in the R&D, design, manufacturing and sales of electric vehicle charging components (charging plugs, charging sockets, vehicle chargers, etc.).

Features

Certified Compliance to Standards
UL 2251:2017, 4th Ed.
and SAE J3400

Fire Resistant
Compliance to UL94 V-0

Anti Rolling
Compliance to UL2251/UL2263

High reliability, silver plated contacts
for long-life durability

Manually trigger the one-button open lid radio frequency button



Safety, with smart temperature control
for effective protection ,sealed with
thermal conductive epoxy.

Customized design available for ODM

Configurable to meet special
requirements

Anti-drop: 1m, 200drops

Effortless use, lightweight, high-flexible
cable.

warning:

1.Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Applicant_Declaration:

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Technical Data

Product		NACS AC/DC CHARGING CONNECTOR
Specification Abstract	Rated Voltage	240VAC/1000VDC
	Rated Current	AC 16A, 32A, 40A, 48A,50A,80A / DC 40A, 50A,60A, 80A
	Cable Length	2.6m, 5.5m, 7.3m
	Number of Mating Cycles	10,000 cycles
Mechanical Specification	Plug Mating Force	<100N
	Cooling Method	Natural Cooling
	Installation Method	Riveting Connector
Environmental	Work Temperature	-40°C to +50°C
	Fire Resistant	IEC 60332-1-2/UL94 V-0
	IP Grade	IP 67 (housing), IP 54 (plugged in)
	RoHS Compliant	Yes
Additional	Temperature Sensors	Measure and control temperature
	Warranty	Two years, 10,000 times, whichever comes first
UHF electric parameter	voltage range	DC5V--DC12V
	current range	<30mA
	operating frequency	315MHz
	Power	<0.15W
Reliability & Certification	Design Life	10,000 cycles
	Anti-rolling	Per UL2263
	Tension Strength	Per SAE J3400
	Safety Standard	"IEC 62196-1 socket-outlets, vehicle connectors and vehicle inlets – Conductive charging of electric vehicles – Part 1: General requirements SAE J3400 SAE Electric Vehicle and Plug in Hybrid Electric Vehicle Conductive Charge Coupler North American Charging Standard TS-0023666 North American Charging Standard AC/DC Pin Sharing Appendix"