

Technical specifications DCNEO-A-F230-1



480V32A, type 2

Socket-Outlet, be used for AC charging interface charging of European standard electric vehicle.

Product description

Used for AC charging interface charging of European standard electric vehicle

Advantages

- ✓ Streamlined design with beautiful appearance
- ✓ The contacts of power terminal and signal terminal are silver plated
- ✓ Enterprise has passed ISO 9001:2015
- ✓ The product has passed CE certification and its performance is safe and reliable.
- ✓ Multiple seal structure design, excellent waterproof performance
- ✓ Products are available in many colors and can be customized according to requirements

Technical parameter

Product definition

Product type	Charging cable with type 2 Socket-Outlet
Type	N/A
Standards / procedures	IEC62196-2014
	IEC61851-2017
Voltage type	AC
Charging mode/case type	Mode 3,

Size

Length of Socket-outlet	97mm
Width of Socket-outlet	97mm
Height of Socket-outlet	64mm
Cable length	N/A

Technical parameter

Size

Length of Control box	N/A
Width of Control box	N/A
Height of Control box	N/A
Cable length	N/A

Environment condition

Ambient temperature (operation)	-30 °C 50 °C
Ambient temperature (storage / transportation)	-40 °C 80 °C
Maximum altitude	2000m
IP code	IP54 (Unmated)
	IP55(Mated)

Electrical characteristics

Charging power	22kW
Phase number	Three phase
Number of power pins	5pcs(L1,L2,L3,,N, PE)
Rated current of high power contact	32A
Rated voltage of power contact	480 V AC
Number of signal contacts	2pcs (CP, PP)
Rated current of signal contact	2 A
Rated voltage of signal contact	30 V AC
Signal transmission type	PWM
Precautions in connection method	Crimp connection, do not disconnect
R6 resistance	-
R7 resistance	-
RC resistance	-

Mechanical properties

Insertion / extraction times	> 10000
Insertion force	< 100N
Pull-out force	< 100N

Structural characteristics

Shell color	Black
Insulator color	Black
Contact color	silvery
Cover color	Black
Customized type	According to customer requirements

Technical parameter

Material

Shell material	Plastic
Contact material	Copper
Seal material	rubber
Insulator material	Plastic
Flame retardant grade	V0
Contact surface material	Ag

Cable (if have)

Cable structure	5 x 6.0mm ² ; 2 x 0.5mm ²
Wiring standards / specifications	IEC 61851-2017
Wiring authentication	UL/TUV
Cable outer diameter	N/A
Cable Type	Straight type
Outer sheath, material	TPE
Outer jacket, color	Black / orange(Reference)
Minimum bending radius	15 x diameter(Reference)

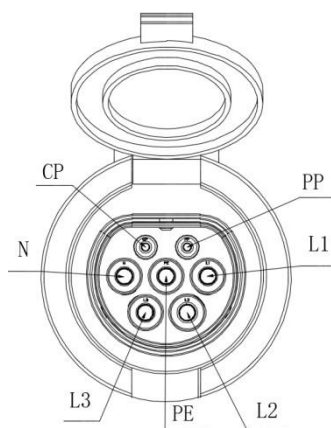
Locking device

Locking type	Electronic locking(Reference)
--------------	--------------------------------

Environmental protection requirements

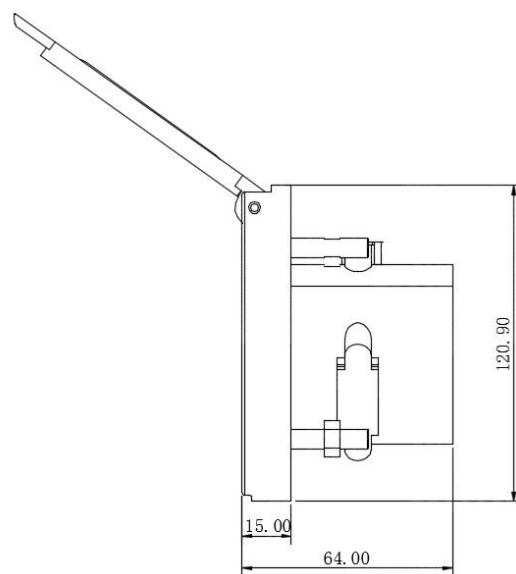
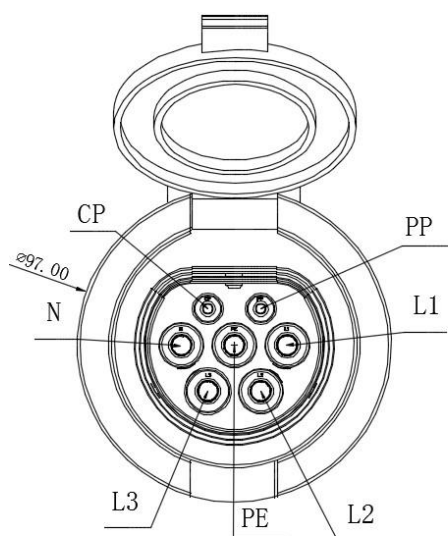
REACH SVHC	Lead 7439-92-1
China RoHS	Environmental protection service life= 10;

Product drawing



Layout of type 2 Socket-outlet pins

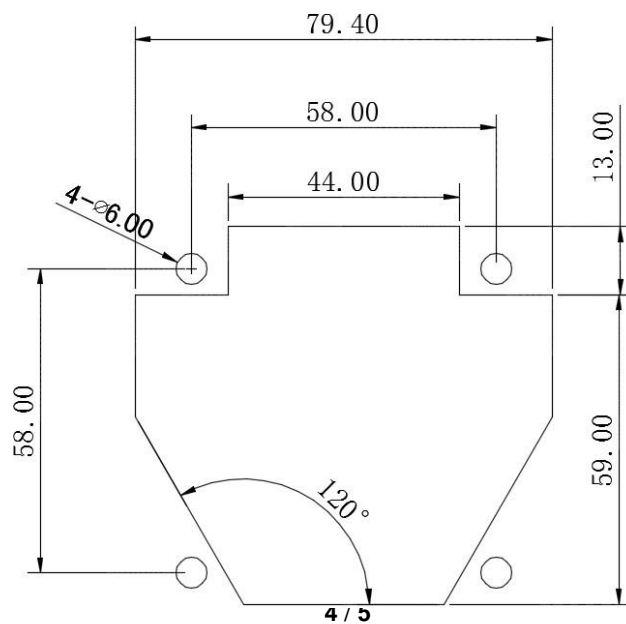
Product drawing



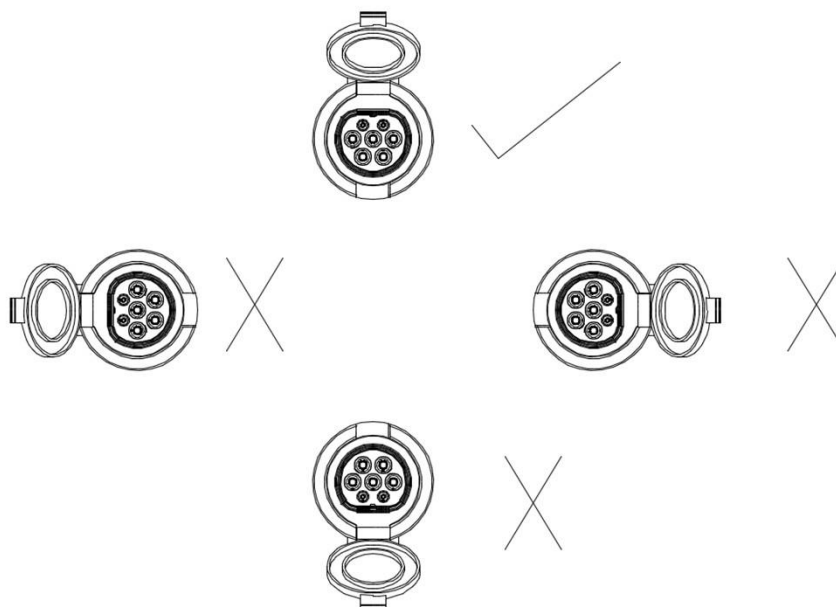
charging cable with type 2 Socket-outlet

Operation guide

Recommended opening size



Installation diagram



Enclosure (Optional, see the corresponding specifications for details)

TYPE 2 Plug



Used in charging post or charging station, fixed charging Socket- outlet