

# **■ EBBL battery interface circular connector**

### **Product features**

- √ Fast connection straightly and directly.
- √ Auditory and visual feedback after connecting in place.
- √ High mechanical life. √ Beautiful appearance meet Ergonomic design.

# EBIKE battery interface connection

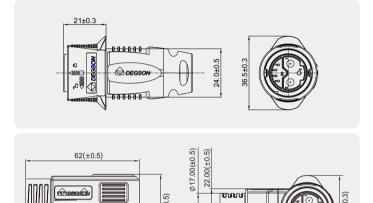
**Application Scope** 

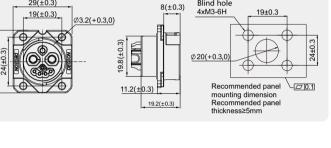
# EBBL Straight Plug/ EBBL Right Angle Plug



**EBBL Socket** 







# **Technical Data**

Rated current

Rated voltage	110V DC
Insulation resistance	≥100MΩ
Flame retardant rating	UL94V-0
Operating temperature	- 40°C ~ +105°C
IP grade	IP67 when mated, IP67 when only receptacle

Power 50A, signal 2A

Salt spray resistance	Neutral salt spray 72h
Withstand voltage	500V AC
Mechanical life	≥3000times
Extraction force	>25N
Environmental protection	Meet RoHS

Soldering

# **■ EBC charging socket Product features**

the interface. √ High mechanical life.

√ Receptacle with cover flap can effectively protect

- √ Beautiful appearance meet Ergonomic design.
- **EBC** socket

# EBIKE battery interface connection

**Application Scope** 

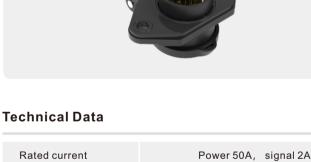
Wiring connection



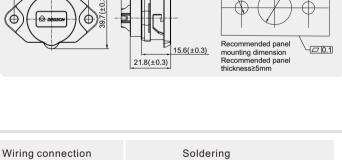


Salt spray resistance

# **EBC** socket



# Blind hole 2xM3-6H



Neutral salt spray 72h

Ø20(±0.3,0)

# Rated voltage

Rated current

■ EBBM bat	tery interface circ
IP grade	IP67 when mated, IP67 when only receptacle
Operating temperature	- 40°C ~ +105°C
Flame retardant rating	UL94V-0
Insulation resistance	≥100MΩ

### 500VAC Withstand voltage Mechanical life ≥3000times Extraction force >25N **Environmental protection** Meet RoHS cular connector

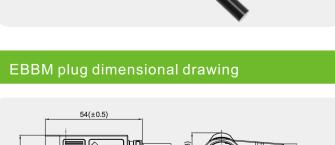
### **Product features Application Scope** √ Fast connection straightly and directly. EBIKE battery interface connection

### √ Auditory and visual feedback after connecting in place. √ High mechanical life. √ Beautiful appearance meet Ergonomic design.

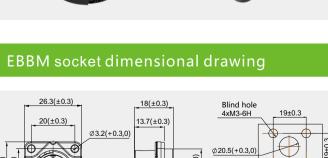
- EBBM right angle plug

EBBM socket





# **Technical Data**



16.11(±0.5).	26(±0.3) 20(±0.3) 6600000000000000000000000000000000000	Recommended panel mounting dimension Recommended panel thickness≥5mm	
A, signal 2A	Wiring connection	Soldering	
	Salt spray resistance	Neutral salt spray 72h	

Rated current	Power 50A, signal 2A	Wiring connection	Soldering
Rated voltage	110V DC	Salt spray resistance	Neutral salt spray 72h
Insulation resistance	≥100MΩ	Withstand voltage	500V AC
Flame retardant rating	UL94V-0	Mechanical life	≥3000times
Operating temperature	- 40°C ∼ +85°C	Extraction force	>20N
IP grade	IP67 when mated, IP67 when only receptacle	Environmental protection	Meet RoHS

# EBBM power rectangular connector

### **Product features**

- √ Fast connection straightly and directly.
- √ Handle structure can be used to help unlock, when product pulled out.
- √ High mechanical life.
- √ Beautiful appearance meet Ergonomic design.

# EBBR straight/right angle plug

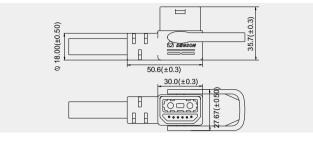


EBBR socket

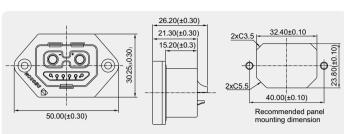
**Application Scope** 

EBIKE battery interface connection

# EBBR plug dimensional drawing



# EBBR socket dimensional drawing



### **Technical Data**

Rated current	Power 50A, signal 2A
Rated voltage	110V DC
Insulation resistance	≥100MΩ
Flame retardant rating	UL94V-0
Operating temperature	- 40°C ~ +105°C
IP grade	IP67 when only recentacle

Wiring connection	Soldering
Salt spray resistance	Neutral salt spray 72h
Withstand voltage	500V AC
Mechanical life	≥3000 times
Extraction force	> 30 N
Environmental protection	Meet RoHS

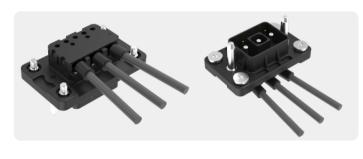
EBIKE battery interface connection for cabinet

# **EBBF float exchange battery connector Application Scope**

### **Product features**

- √ The products are matched with each other and have the function of positive and negative insertion.
- √ The floating amount when the product inserted can compensate the gap between the vehicle body and the battery.
- √ Alignment and insertion of guide pin conveniently and fastly.
- √ High mechanical life.

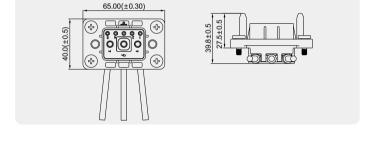
### EBBF right angle plug



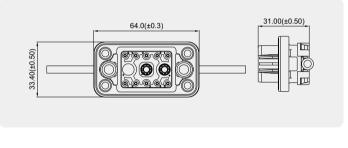
# EBBF socket



# EBBF plug dimensional drawing



# EBBF socket dimensional drawing



Soldering

### **Technical Data** Rated current

Rated voltage	72V DC	
Insulation resistance	≥500MΩ	
Flame retardant rating	UL94V-0	
Operating temperature	- 40°C ~ +105°C	
IP grade	IP67 when only receptacle	
■ EBM emotor connector		

Power 50A, signal 2A

Salt spray resistance	Neutral salt spray 72h
Withstand voltage	1500V AC
Mechanical life	≥5000 times
Extraction force	>50N
Environmental protection	Meet RoHS

# **Product features**

### √ Compact structure and high space utilization. √ The male connector protect the terminal providing

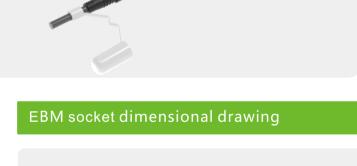
- with a protective cover. √ Operation simply in the way of straight mating.
- √ Beautiful appearance meet Ergonomic design.
- EBM straight angle plug

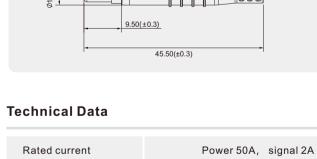
# EBIKE emotor interface connection

**Application Scope** 

Wiring connection

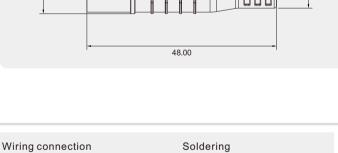






Salt spray resistance

Withstand voltage



Neutral salt spray 48h

500V AC

### Rated voltage Insulation resistance

Product features	
■ EBS Signa	l connector(2~6p
IP grade	IP67 when mated
Operating temperature	- 25°C ~ +80°C
Flame retardant rating	UL94V-0

√ Compact structure and high space utilization.

60V DC

≥30MΩ

### Mechanical life ≥100 times Extraction force >60N Environmental protection Meet RoHS pins) **Application Scope**

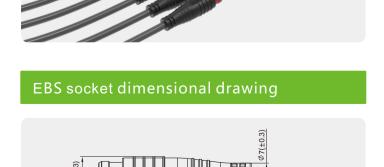
This product can be applied to horn, light and brake

### handle of EBIKE. √ Automatic alignment when mating and Simple interface. Operation simply in the way of straight mating.

### √ Different colour contribute to recognise. √ Beautiful appearance meet Ergonomic design.

# EBS plug/socket





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chnical Data				
Rated current		Power 50A,	signal 2A	

35.5(±0.3)	
Wiring connection	Soldering

# Tec

Rated current	Power 50A, signal 2A
Rated voltage	48V DC
Insulation resistance	≥30MΩ
Flame retardant rating	UL94V-0
Operating temperature	- 25°C ~ +80°C
IP grade	IP66 when mated

Wiring connection	Soldering
Salt spray resistance	Neutral salt spray 48h
Withstand voltage	300VAC
Mechanical life	≥100 times
Extraction force	>25N
Environmental protection	Meet RoHS