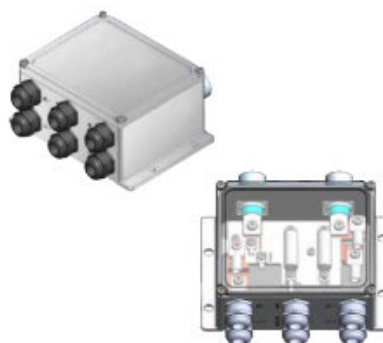


EGE HIGH VOLTAGE BATTERY CHARGE-DISCHARGE PROTECTION MODULE

▶ APPLICATION

Electric vehicle, AC and DC high voltage high current charger, charging pile and the car charging interface, installation and charging pile or car end, used to do charging access port. Integrated circuit charging protection system



▶ DESCRIPTION

| FUNCTIONAL MODULE | MODULE COMPONENT DESCRIPTION |
|-------------------------------|---|
| Power Distribution | Busbar component design, fast heat dissipation, highly efficient energy transmission |
| Power Distribution Protection | Protection with fuses, monitoring systems |
| More than one turn | A turn five: motors, PTC, OBC,DCDC, air conditioning and other independent line protection unit |

▶ PRODUCT MANUAL

- Aluminium Alloy, Metal shell, light weight and good structural strength and good anti rust prevention
- Designed with busbar solution make the product with low temperature rise, good heat dispassion, electric conductive better and installation easily
- Variety of busbars, connector solutions meet customer requests
- This product can be designed and manufactured and manufacture according to customer's requirements, including the Logo.

EGE HIGH VOLTAGE BATTERY CHARGE-DISCHARGE PROTECTION MODULE

▶ INTERFACE SPECIFICATION

| INTERFACE (OPTIONAL) | PARAMETER |
|------------------------|---|
| Operating Voltage | 250~620 VDC |
| Operating temperature | -40°C +85°C |
| Moter interface | + |
| | - |
| Distribution interface | High Voltage Connector / PDU distribution box |

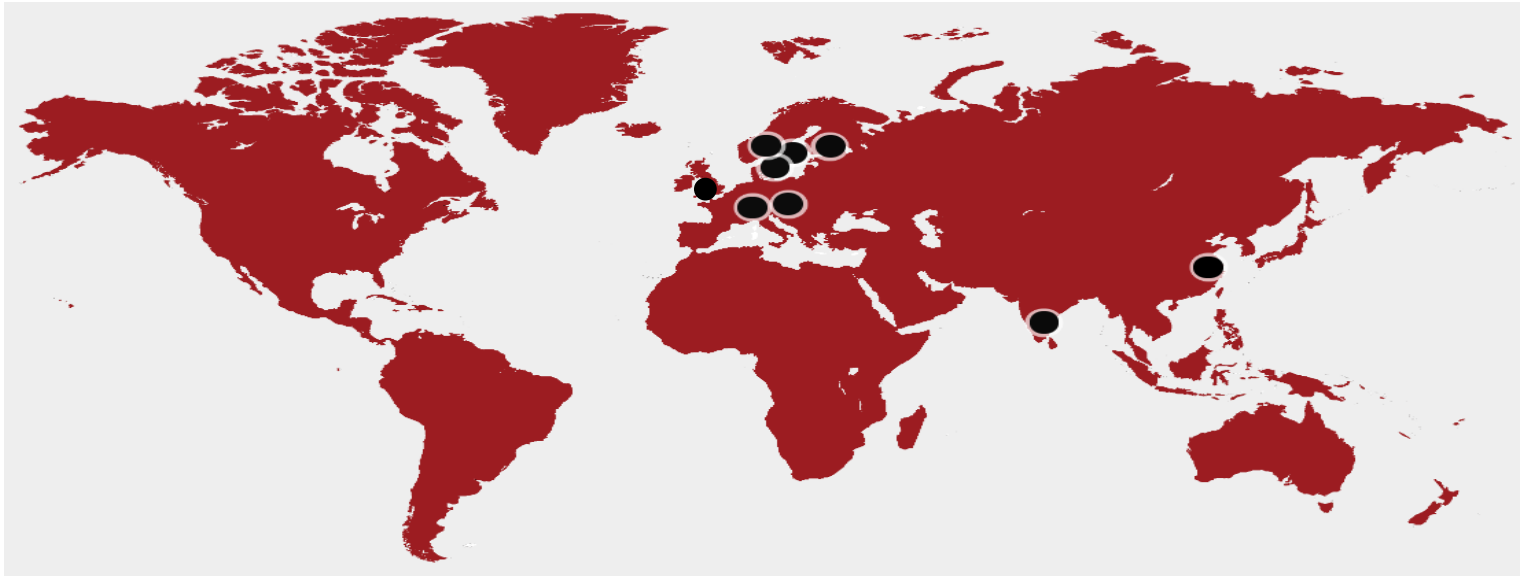
▶ PERFORMANCE PARAMETERS

| | | |
|-----------------------|------------------------|------------------------------------|
| Protection class | | IP55 |
| Shielding | | 50db@100MHz |
| Environmental Testing | Water-proof test | IPX5 |
| | High Temperature Test | 85° C 72H |
| | Low Temperature Test | -40°C 72H |
| | Salt spray test | 48H |
| | Constant moisture test | 5 to 85% R.H. |
| Electrical Testing | Insulation test | 20MΩ 1000V DC/300MΩ 1000V DC |
| | Voltage withstand test | 4000V AC 60 Sec.10mA |
| | Conductive test | 3V DC 0.1A |
| Mechanical Testing | Vibration test | 30 {3G} 5-55Hz 1-2mm,55-500Hz 30mm |
| | Shock test | 110 {50G} 4ms IK10 |
| Weight | | 6KG±10% |



EG ELECTRONICS

CONTACT US



Sweden

Headquarters
Fagerstagatan 3
SE-163 53 Spånga
+46 8 759 35 70

Denmark

EG Electronics AB
World Trade Center Ballerup
Borupvang 3
DK-2750 Ballerup
+45 43 43 50 00

China

Headquarters
EG Shanghai
Room 507, building 3, No 100, Lane
2891, South Qilianshan Road, Putuo
District, CH-200331, Shanghai
+86 (0)21 5213 0077

Finland

Headquarters
Kylvöpolku 6
FI-00680 Helsinki
+358 20 752 87 00

Germany

Headquarters
Lise-Meitner Strasse 21
72202 Nagold
+49 176 20336008

India

Headquarters
EG Power Electronics
#9 Ganapathy Colony
Thiru Vi Ka Industrial Estate, Guindy
IN-600 036 Chennai
+91 40 4255 0814

Norway

Headquarters
EG Electronics AB
Hoffsveien 17
N-0275 Oslo
+47 23 25 46 00

England

Headquarters
2nd Floor Suite Lorna House
103 Lorna Road
Brighton, BN3 3EL
+44 1273 359749

Others

Please contact our Swedish Office
for more locations

sales@egelectronics.com
www.egelectronics.com

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