

## BATTERY CHARGING STATION

IP 68 housing

BCS.IP68housing:

Fast charging of large batteries , For industrial applications, As cabinet or IP 68 housing  
,For rough environmental conditions, Charging capacity up to 220 kW

Power Data:

- Nominal power : 220 kW
- Input voltage (IT/TN network) : 3~ 400 V AC  $\pm$  10 %, 50 – 60 Hz (-10 ... -15 % with derating)
- Input current 350 A : (@ In 3~400 V AC / Out 760 V DC)
- Output voltage : 670 – 785 V DC
- Max. output current : 300 A @ 785 V (226 A @ 830 V)
- Internal supply of electronic (DC-link) : Yes
- Additional supply voltage : 1~ 230 V DC + 10 / -15 %, 50 – 60 Hz
- Communication interfaces : RS485, CAN
- Inputs / outputs : Optional: Digital inputs / outputs 2 Digital inputs 4 Analog inputs 2
- Dimensions [L × W × H] : 1,660 × 302 × 800 mm
- Weight : Approx. 360 kg
- Degree of protection : IP 68

AMBIENT CONDITIONS:

- Installation height : 2,000 m (a.s.l.)
- Ambient temperature : -25 to 70 °C
- Type of cooling : Liquid: water-glyco
- Losses at nominal power : 7.5 kW
- Temperature of coolant inlet : -25 to 50 °C
- Mix ratio of cooling liquid (Water / Antifrogen -N) : 56 / 44 %
- Operating pressure of the coolant: Max. 4.0 bar
- Coolant flow rate : 20 l/min
- Electromagnetic compatibility (EMC) emission : EN 61000-6-3 (residential) EN 61000-6-4 (industrial)
- Electromagnetic compatibility (EMC) : immunity EN 61000-6-2 (industrial)

APPLICATIONS:

- Tunneling/Mining
- Construction equipment
- Industrial Vehicles

- Port Equipment