

Purpose

BoostCharger is a utility-scale battery combined with a high power charging system. Its purpose is to replace fossil fueled generators and facilitate the efficient charging of larger electric vehicles and machinery in areas where adequate power is not available.

Use Cases

Enabling zero-emission construction sites by charging battery-powered machines. Additionally, serving as a charging station for commercial electric buses and trucks.



Mobility

ISO 20 Container

6.1 x 2.4 x 2.6

BoostCharger is delivered in a container with standard dimensions to ensure mobility, robustness, and reusability.



Remote Control & Monitoring

BoostCharger will be delivered with standalone software where remote control, monitoring, and service is possible.



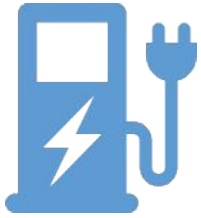
No Noise
Pollution



Replace
Diesel
Generator

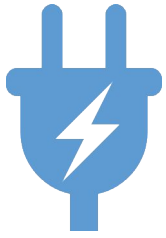


RFID User
Identification



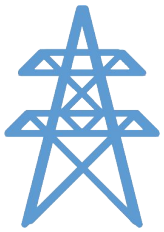
CCS-Output

| | |
|----------------------|-------------|
| Number of CCS-Cables | 2 |
| Output Power | Up to 300kW |
| Output Voltage | 150-920VDC |
| Cable length | 8m |



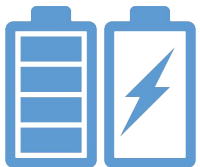
AC-Output

| | |
|-------------------|----------------------------|
| Network (TN) | 3-phase 50Hz 400VAC |
| Max. Output Power | 170kW |
| Outlet | Power Distribution Cabinet |



AC-Input

| | |
|------------------|---------------------|
| Network (TN) | 3-phase 50Hz 400VAC |
| Max. Input Power | 86kW |
| Connection Type | 125 amp CEE |



Battery System

| | |
|-------------------------|----------------------------|
| Energy Capacity | up to 1000kWh |
| Battery Cell Technology | Li-ion |
| Cycle Life | Up to 8k cycles @ 100% DoD |



Fire Safety

| |
|---------------------|
| Fire/Gas detection |
| El60 insulation |
| Dust Proof |
| Firehose Connection |



Temp. Mgmt.

| |
|-----------------|
| Cell Monitoring |
| Air Condition |
| Thermostat |



Comm.

Secure Protocol

4G Connectivity