

**Schnellladegerät
1700 W für
Power 26-104**

**Fast Charger
1700 W for
Power 26-104**

Bedienungsanleitung
(Deutsch)

Operating Manual
(English)

Deutsch

English

Technical data	
Input voltage	100 - 240 Vac 50 - 60 Hz
Maximum input power	1700 W
AC Input current	15 A max. (nominal: 12.5 A rms @ 120 VAC, 6.5 A rms @ 230 VAC)
Output current	60 A max.
Output voltage	29.05 Vdc
Battery type	Power 26-104
Charge starting voltage	Min. 15.0±1 V
Auto restart voltage	< 28 V
Reverse current	< 0.5 Ah/month
Efficiency	> 90% @ 230 V
Cooling system	Air cooled
IP protection class	IP65
Temperature sensor	Internal
Operating temperature range	0°C to 45°C (32°F to +113°F)
Dimensions/Weight	316 x 220 x 94.2 mm / 6.2 kg (12.44 x 8.66 x 3.72 in/13.67 lbs)

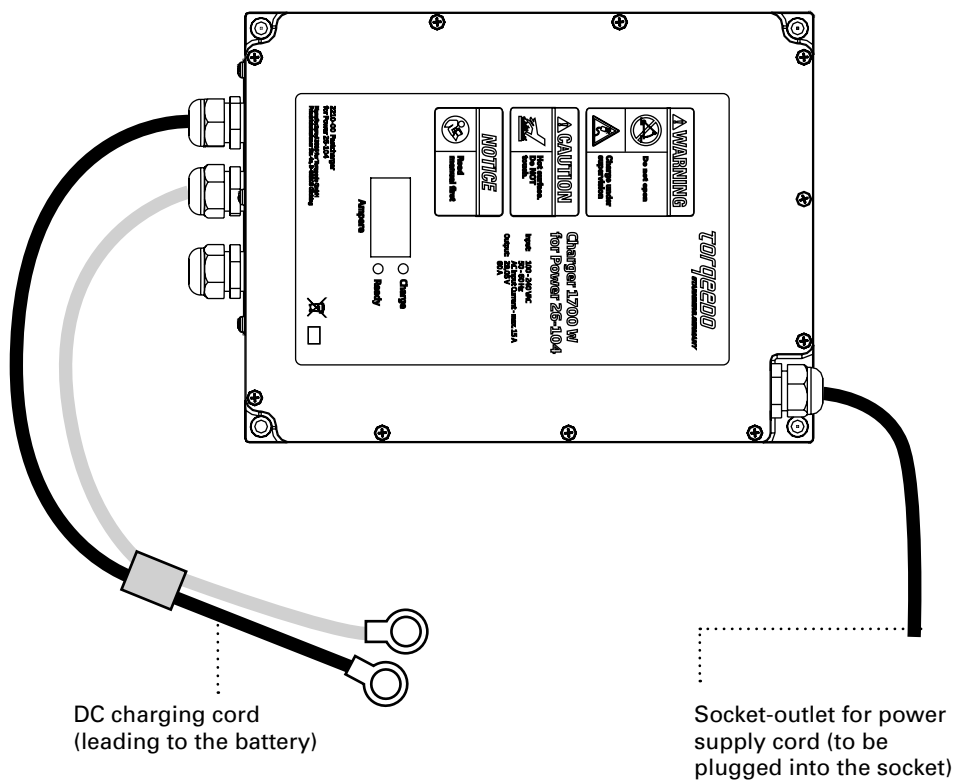
3. Equipment and operating elements

3.1 Scope of supply

The full scope of supply of 1700 W fast charger comprises the following parts:

- Fast charger
- Warranty card
- Operating manual
- Packaging
- Adapter kit EU, USA 120V, GB, AUS
- 4 stainless steel bolts M6 100 mm / 3,94 inch

3.2 Overview of operating elements and components



4. Putting the fast charger into operation and charging Power 26-104

4.1 Connecting the fast charger to the battery



- Only charge the battery when it is standing on a non-flammable surface, and under supervision of a responsible adult.
- Only charge the battery at ambient temperatures of between 0°C and 45°C / 32°F and 113°F.
- During charging process protect fast charger and battery from contact with water.
- Avoid contact between the two ring eyes.
- When connecting the fast charger, ensure the correct polarity.
- Only plug fast charger into wall socket after it has been connected to the battery.
- The fast charger will heat up during operation.
- Make sure there is adequate ventilation.
- Keep the fast charger away from easily flammable materials.
- It should be noted that, when using a 110 V power supply, the maximum performance cannot be achieved. The resulting output-current is only 26 A, instead of 60 A.

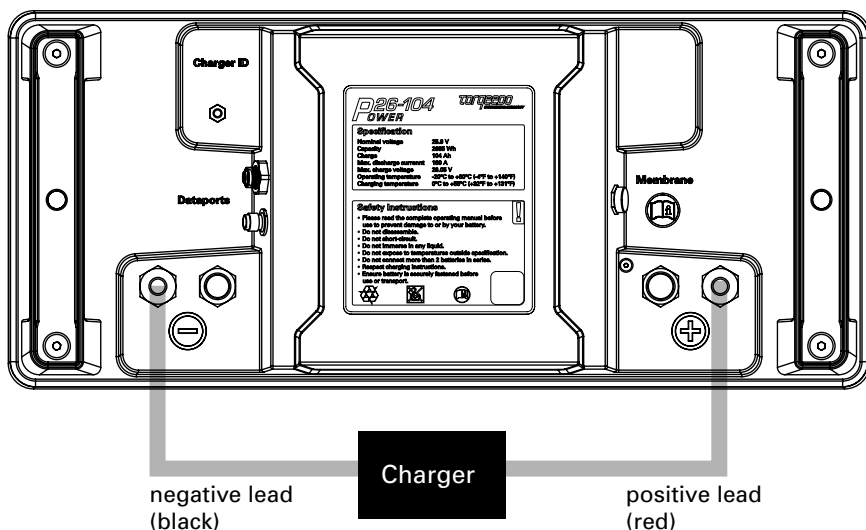


- In case you should not succeed in recharging a totally discharged battery, take battery and fast charger to a Torqueedo service point for inspection (contact data on the back of this manual).

1. Connect eyelet on the red cable with positive pole and eyelet on black cable with negative pole.
2. Only then plug the power plug into the wall socket.
3. Now switch on the battery. Charging process now begins automatically. During charging process, LED will light up red. When charging process will be finished, LED will light up green.

Depending on the charge state of the battery, charging time will take less than 2 hours.

In case of excess heating of battery or fast charger (for instance due to exposure to the sun), charging time may extend.



4.2 Disconnecting the fast charger from the battery

First unplug the fast charger from the mains. Then disconnect the connection between battery and charger.

Charging advice:

In case the fast charger should be disconnected from the battery during charging, charging will be terminated immediately. In this case, please disconnect the fast charger from the mains. To start new charging, please follow the steps under 4.1.

4.3 Charging operation with batteries connected in parallel



- Please take in mind the instructions given in the operating manual of Power 26-104.

Torqeedo recommends use of one charger per battery. However, it is possible to use one charger for batteries connected in parallel. In this case charging time multiplies with the number of batteries connected in parallel.

4.4 Charging operation with batteries connected in series

With serially connected batteries, each battery requires its own charger for charging.

5. Errors and possible troubleshooting

When an alarm situation stopping the charge occurs, the display shows one of the information below according failure detected:

<A> <alarm code identified with a 2 digits code>

Display	Cause/ Error message	What should be done?
A13,A14	Battery disconnected, charger does not charge.	Please check whether the DC charging cords are properly connected with the battery. If the power supply and connection are not the reason for the failure, please contact a Torqeedo Service Center in your vicinity – contact data can be found on the back of this manual.
A08	The temperature of the charger is too high	Let the charger cool down. It will automatically resume charging as soon as correct temperature has been reached.
A11,A17,A22, A24	Incorrect AC input voltage	Please check the power socket.
A01, A02, A03, A05, A07, A09, A10, A15, A16, A18, A20, A21, A23	Others	Disconnect the battery, unplug the charging device, wait for 3 minutes, then continue with regular operation. Should the problem continue to persist, contact the Torqeedo service.

6. Care

To clean the device you may use any usual customary cleaning agents suitable for synthetics.



- Please make sure to protect the pressure compensation valve against soiling.

7. Decommissioning of the product / Disposal

All Torqeedo products comply with the provisions of Directive 2002/96/EC. This directive rules dismissal of electric and electronic equipment to sustainably protect the environment.

Depending on local requirements you may dispose of your fast charger at a municipal collecting point for its proper disposal.

