

ALARMS

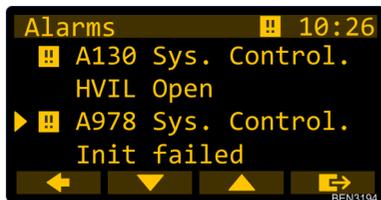
Contact your dealer if any alarm occurs.
If you see the below icons in the header :



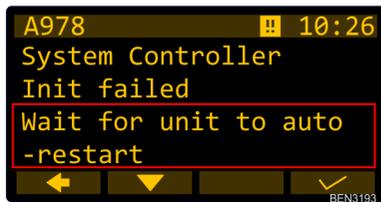
1. Select Alarms Menu.



2. Select alarm with ▼ or ▲ and confirm with →



3. Recommended action: What you should do.



Options for viewing the Alarm Codes list pertaining to the Energ-e Pack:



thermokingalarmcodes.com

A copy of this guide can be downloaded using the following link:



www.emea-user-manuals.thermoking.com

A printed copy can also be obtained from your Thermo King Dealer Representative.

SHUTDOWN

In case of strange noise or smell from Energ-e Pack, shut down the unit normally:

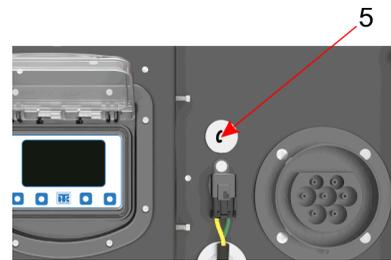
- Press ON/OFF button for more than three seconds.

Automatic Shutdown:

- Switch TRU (Trailer Refrigeration Unit) OFF, disconnect shore power connection, and turn ignition OFF.
- After 1 minute of inactivity, system shuts down.

EMERGENCY SHUTDOWN

- Unlock access lid with coin or screwdriver.
- Cut the Kill Wire (5) located on the left of charging socket.



5. Kill wire

Important: This shuts off the system immediately and permanently. Use it only in case of real emergency.

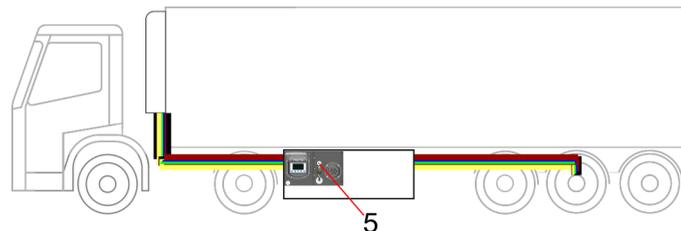
⚠ DANGER

Risk of Injury and Equipment Damage!
Only instructed operators / service technicians with the recommended tools should cut the Emergency Disconnect Wire.

⚠ WARNING

Equipment Damage!
If you are charging the HV battery, shutting off the power supply on the wall side is recommended. In these situations switch OFF the wall box or pull the red CEE plug.

Important: The HV battery and the complete Energ-e Pack system may only be opened by HV-certified Thermo King qualified personnel.



THERMO KING

Energ-e Pack Axle Power System

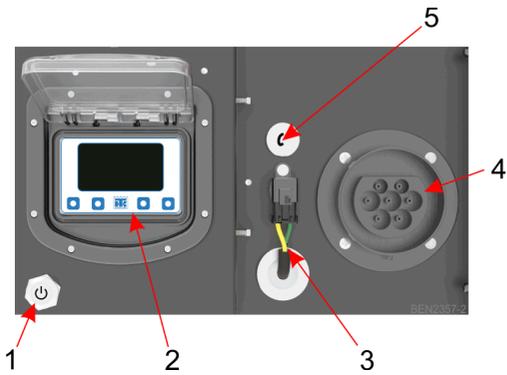


Driver's Guide and First Responder's Card to Simple Operation

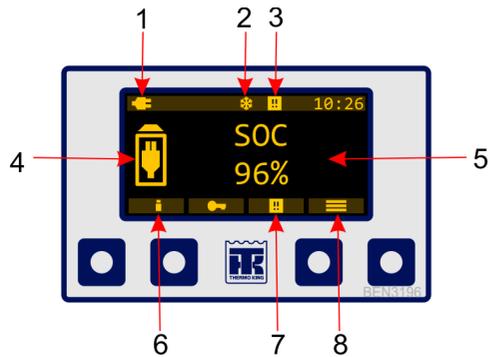


www.emea-user-manuals.thermoking.com

CONTROL PANEL & HMI OVERVIEW



1. ON/OFF button
2. HMI
3. Service Port
4. Charging Socket (Type 2)
5. Kill Wire



- | | |
|---|---------------------|
| 1. Charging icon | 5. Control Display |
| 2. Refrigeration unit powered by Energ-e Pack | 6. Information Menu |
| 3. Alarm icon | 7. Alarms Menu |
| 4. HV battery indicator | 8. Main Menu |

HMI

Navigation and Selection

- Lift the perspex lid to operate the unit.
- No touch screen! Use the four soft keys below (2) that correspond to the buttons on the screen.



1. Action buttons
 2. Soft keys
- ← One step back
 - ↑ Arrow up
 - ↓ Arrow down
 - ↵ Confirmation: Enter/Return

- Press the 4 soft keys below that correspond to the action buttons on the screen.

Control display switches every three seconds:

- HV Battery State Of Charge (SOC)



- Estimated time to run down the HV battery



- Estimated time to charge the HV battery



Important: This is a quick reference guide. Always refer to the operating manual for detailed instructions

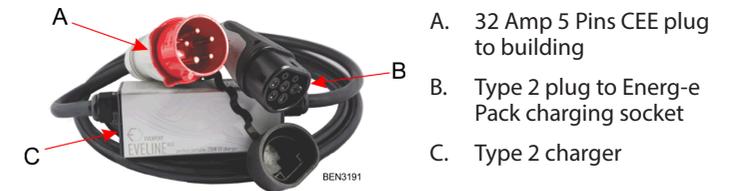
CHARGING

Important: Shore power connection in building must comply with following specifications:

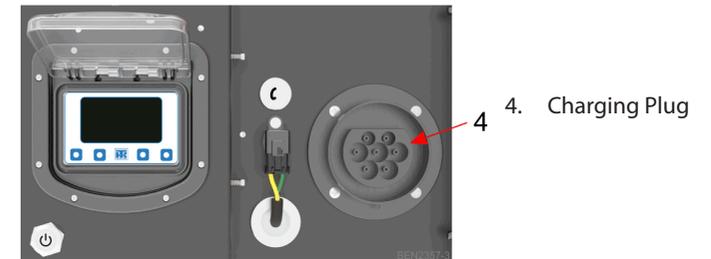
- 400V/ 50Hz/ 3 phases + neutral
Without neutral pin, the charger will not operate.
- Use RCCB (Residual Current Circuit Breaker) Type B. Any other RCCB type may result in nuisance tripping of building shore power RCCB protection.

CAUTION

Equipment Damage!
Use the dedicated charger and adapter provided with the Energ-e Pack. **DO NOT use extension cord for the charging cable.**



- A. 32 Amp 5 Pins CEE plug to building
- B. Type 2 plug to Energ-e Pack charging socket
- C. Type 2 charger



Connecting:

1. Connect red CEE plug to building shore power connection.
2. Connect black type 2 plug to Energ-e Pack charging socket (4).
3. Permanent yellow LED of charger shows that Energ-e Pack is charging.
4. HMI shows: "Connecting to Grid". Header left: . Charger and brakes of the trailer are locked.

Disconnecting:

1. Press ON/OFF button for one-two seconds.
2. Wait for five seconds until "Remove Plug Now" appears on HMI.
3. Remove the black type 2 plug from Energ-e Pack charging socket (4).
4. Remove red CEE plug from shore power connection of building.