**DESCRIPTION**

The TORKEL™ 900 series is used to perform load/discharge testing which is the only way to determine battery systems actual capacity. Together with the optional cell voltage logger, BVM, connected directly to the TORKEL 900, it becomes a complete, stand-alone, discharge test system.

TORKEL comes in three models, 910, 930 and 950, see table below. The high discharge capacity of TORKEL gives the opportunity to shorten the test time. Discharging can take place at up to 220 A, and if higher current is needed, two or more TORKEL units or extra load units, TXL, can be linked together. Tests can be conducted at constant current, constant power, constant resistance or in accordance with a pre-selected load profile.

Testing can also be carried out without disconnecting the battery from the equipment it serves. Via a DC clamp-on probe, TORKEL measures the total battery current while regulating it at a constant level. Battery systems can be plus or minus grounded or free floating.

The test results can be presented and edited on a PC using the included PC software “TORKEL Viewer.”

**APPLICATION EXAMPLE**

The TORKEL is connected to battery, the current and the voltage alarm levels are set. After starting the discharge, TORKEL keeps the current constant at the preset level. When the voltage drops to a level slightly above the final voltage, TORKEL issues an alarm. If the voltage drops so low that there is a risk for deep discharging the battery, TORKEL shuts down the test. If the power supply is interrupted the test will continue when power is restored. All values are stored in TORKEL and can easily be transferred via an USB-stick to a PC for evaluation and print out.

**MODEL OVERVIEW**

<table>
<thead>
<tr>
<th>TORKEL</th>
<th>910</th>
<th>930</th>
<th>950</th>
</tr>
</thead>
<tbody>
<tr>
<td>Current (max)</td>
<td>110 A</td>
<td>220 A</td>
<td>220 A</td>
</tr>
<tr>
<td>Voltage (max)</td>
<td>300 V</td>
<td>300 V</td>
<td>500 V</td>
</tr>
<tr>
<td>BVM functionality</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Charging measurement</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Full report functionality</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Separate sensing cables (dashed lines) should be used to get accurate voltage measurements to offset the voltage drop caused by long current cables and/or high current.
FEATURES AND BENEFITS

1. **TXL STOP**
   Output used for stop discharging from an external device (e.g. TXL). Galvanically isolated.

2. **SERVICE**
   Connector for service purposes only.

3. **ALARM**
   Output equipped with a relay contact for triggering an external alarm device.

4. **DC OUT**
   9 V output for external current clamp.

5. **IEXT ≤ 1 V**
   Input used to measure current in an external path by means of a clamp-on probe or a current shunt.

6. **Display**
   Touch screen 7"

7. **BVM1, BVM2**
   USB connections for BVM units.

8. **USB connection**
   For USB memory stick.

9. **Ethernet connection**
   For service of the instrument.

10. **EMERGENCY STOP**
    Push to stop.
    Reset by turning it clockwise.

11. **Control knob**
    For entering settings etc. Press to confirm a setting.

12. **Buzzer**
    For alarms.

13. **ON/OFF switch**

14. **Protective ground (earth) conductor terminal**

15. **MAINS**
    Connector for mains supply.

16. **+**
    Connection terminal (+) for the battery (or other DC source).

17. **VOLTAGE SENSE**
    Input for sensing voltage at the battery terminals.
    Impedance to the battery current terminals is >1 MΩ.

18. **-**
    Connection terminal (-) for the battery (or other DC source).
SPECIFICATIONS TORKEL 900-SERIES

Specifications are valid at nominal input voltage and an ambient temperature of +25°C (77°F). Specifications are subject to change without notice.

Environment

Application field: The instrument is intended for use in high-voltage substations and industrial environments.

Temperature

- Operating: 0°C to +50°C (32°F to +122°F)
- Power derating at temperatures over +35°C (+95°F)
- Storage & transport: -40°C to +70°C (-40°F to +158°F)

Humidity: 5% – 95% RH, non-condensing

Shock/Vibration/Fall

- Instrument only: ETSI EN 300 019-2-7 class 7M2
- Instrument in transport case: ISTA 2A

Altitude

- Operating: 3000 m (10000 ft)
- Storage: 10000 m (33000 ft)

Encapsulation class: IP20

CE-marking

- LVD: IEC61010-1:2010 & IEC61010-2-030
- EMC: IEC61326-1

General

- Mains voltage: 100 – 240 V AC, 50/60 Hz
- Power consumption: 200 W (max)
- Power interruption: 40 ms (max)
- Protection: Thermal cut-outs, Automatic overload protection, Emergency stop button

Dimensions

- 519 x 315 x 375 mm, (20.5” x 12.4” x 14.7”)

Weight

- Instrument: 19.5 kg (43.0 lbs)
- Including transport case: 31.9 kg (70.3 lbs)
- Large transport case: 37 kg (82 lbs)

Display

- 7” LCD, Capacitive touch screen

Available languages: English, French, German, Spanish, Swedish

Measurement section

Current measurement

- Display range: 0.0 to 2999.0 A
- Basic inaccuracy: ±(0.5% of reading +0.1 A)
- Resolution: 0.1 A

Internal current measurement

- Range:
  - TORKEL 910: 0 to 110 A
  - TORKEL 930/950: 0 to 220 A

Input for clamp-on probe

- Range: 0 to 1000 mV DC
- mV/A-ratio: 0.30 mV/A to 100.00 mV/A
- Input impedance: >1 MΩ

Voltage measurement

- Voltage: 0 to 500 V DC
- Inaccuracy: ±(0.5% of reading +0.1 V DC)
- Resolution: 0.1 V
- Sample rate: 10 Hz, Values are saved when change is >10 mV

Time measurement

- Inaccuracy: ±0.1% of reading ±1 digit

Load section

- Battery voltage: 7.5 V to 300 V (1) / 500 V (2)
- Power: 15 kW (max)
- Load patterns: Constant current, constant power, constant resistance, current or power profile

Constant I

- Range:
  - TORKEL 910: 0 to 110.0 A
  - TORKEL 930/950: 0 to 220.0 A
- Inaccuracy: ±(0.5% ±0.2 A)
- Resolution: 0.1 A
- Ripple: max 0.5 A peak

Constant R

- Range: 300 mΩ to 3 kΩ
- Inaccuracy: ±1% typical
- Resolution: 100 mΩ

Constant P

- Range: 0 to 15 kW
- Inaccuracy: ±1% typical
- Resolution: 10 W

Inputs

- +: 7.5 to 300 V (1) / 7.5 to 500 V (2)
- –: 0 V
- I EXT ≤ 1 V: 1 V DC, 300 V DC to ground

VOLTAGE SENSE

- Impedance to the current terminals is >1 MΩ

Outputs

ALARM

- Relay contact: 28 V DC, 8 A, 240 V AC, 8 A
- Devices higher than Cat II must not be attached

TXL STOP

- Relay contact: 250 V DC, 0.28 A, 28 V DC, 8 A, 250 V AC, 8 A
- 9 V DC: 9 V DC, ±7% max 100 mA

Communication ports

- BVM1 / BVM2: USB connection for BVM units
- USB: USB connection for USB memory

SERVICE

- For service of the instrument

1) TORKEL 910 and 930
2) TORKEL 950

Environment

Application field

Temperature

- Operating: 0°C to +50°C (32°F to +122°F)
- Power derating at temperatures over +35°C (+95°F)
- Storage & transport: -40°C to +70°C (-40°F to +158°F)

Humidity

- 5% – 95% RH, non-condensing

Shock/Vibration/Fall

- Instrument only: ETSI EN 300 019-2-7 class 7M2
- Instrument in transport case: ISTA 2A

Altitude

- Operating: 3000 m (10000 ft)
- Storage: 10000 m (33000 ft)

Encapsulation class: IP20

CE-marking

- LVD: IEC61010-1:2010 & IEC61010-2-030
- EMC: IEC61326-1

General

- Mains voltage: 100 – 240 V AC, 50/60 Hz
- Power consumption: 200 W (max)
- Power interruption: 40 ms (max)
- Protection: Thermal cut-outs, Automatic overload protection, Emergency stop button

Dimensions

- 519 x 315 x 375 mm, (20.5” x 12.4” x 14.7”)

Weight

- Instrument: 19.5 kg (43.0 lbs)
- Including transport case: 31.9 kg (70.3 lbs)
- Large transport case: 37 kg (82 lbs)

Display

- 7” LCD, Capacitive touch screen

Available languages: English, French, German, Spanish, Swedish

Measurement section

Current measurement

- Display range: 0.0 to 2999.0 A
- Basic inaccuracy: ±(0.5% of reading +0.1 A)
- Resolution: 0.1 A

Internal current measurement

- Range:
  - TORKEL 910: 0 to 110 A
  - TORKEL 930/950: 0 to 220 A

Input for clamp-on probe

- Range: 0 to 1000 mV DC
- mV/A-ratio: 0.30 mV/A to 100.00 mV/A
- Input impedance: >1 MΩ

Voltage measurement

- Voltage: 0 to 500 V DC
- Inaccuracy: ±(0.5% of reading +0.1 V DC)
- Resolution: 0.1 V
- Sample rate: 10 Hz, Values are saved when change is >10 mV

Time measurement

- Inaccuracy: ±0.1% of reading ±1 digit

Load section

- Battery voltage: 7.5 V to 300 V (1) / 500 V (2)
- Power: 15 kW (max)
- Load patterns: Constant current, constant power, constant resistance, current or power profile

Constant I

- Range:
  - TORKEL 910: 0 to 110.0 A
  - TORKEL 930/950: 0 to 220.0 A
- Inaccuracy: ±(0.5% ±0.2 A)
- Resolution: 0.1 A
- Ripple: max 0.5 A peak

Constant R

- Range: 300 mΩ to 3 kΩ
- Inaccuracy: ±1% typical
- Resolution: 100 mΩ

Constant P

- Range: 0 to 15 kW
- Inaccuracy: ±1% typical
- Resolution: 10 W

Inputs

- +: 7.5 to 300 V (1) / 7.5 to 500 V (2)
- –: 0 V
- I EXT ≤ 1 V: 1 V DC, 300 V DC to ground

VOLTAGE SENSE

- Impedance to the current terminals is >1 MΩ

Outputs

ALARM

- Relay contact: 28 V DC, 8 A, 240 V AC, 8 A
- Devices higher than Cat II must not be attached

TXL STOP

- Relay contact: 250 V DC, 0.28 A, 28 V DC, 8 A, 250 V AC, 8 A
- 9 V DC: 9 V DC, ±7% max 100 mA

Communication ports

- BVM1 / BVM2: USB connection for BVM units
- USB: USB connection for USB memory

SERVICE

- For service of the instrument

1) TORKEL 910 and 930
2) TORKEL 950
OPTIONAL ACCESSORIES

**Extra loads**

Five extra loads available: TXL830, TXL850, TXL865, TXL870 and TXL890.

**SPECIFICATIONS TXL830/850/865/870/890**

Specifications are valid at nominal input voltage and an ambient temperature of +25°C, (77°F). Specifications are subject to change without notice.

**Environment**

**Application field**

The instrument is intended for use in high-voltage substations and industrial environments.

**Temperature**

**Operating**

0°C to +40°C (32°F to +104°F)

**Storage & transport**

-40°C to +70°C (-40°F to +158°F)

**Humidity**

5% – 95% RH, non-condensing

**CE-marking**

**LVD**

IEC61010-1:2010

**EMC**

IEC61326-1

**General**

**Mains voltage**

100 – 240 V AC, 50/60 Hz

**Power consumption**

75 W (max)

**Protection**

Thermal cut-outs, automatic overload protection

**Dimensions**

**Instrument**

210 x 353 x 600 mm (8.3” x 13.9” x 23.6”)

**Transport case**

265 x 460 x 750 mm (10.4” x 18.1” x 29.5”)

**Weight**

13 kg (29 lbs) 21.4 kg (47 lbs) with transport case

**Cable sets**

for TXL830/850

2 x 3 m (9.8 ft), 70 mm², 270 A, with female plug/clamp. Max. 100 V, 5 kg (11 lbs)

for TXL865/870/890

2 x 3 m (9.8 ft), 25 mm², 110 A, with female plug/lug. Max. 480 V, 3 kg (6.6 lbs)

**Load section**

<table>
<thead>
<tr>
<th>Voltage (DC) max.</th>
<th>Current max.</th>
<th>Power max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXL830</td>
<td>28 V</td>
<td>300 A</td>
</tr>
<tr>
<td>TXL850</td>
<td>56 V</td>
<td>300 A</td>
</tr>
<tr>
<td>TXL865</td>
<td>260 V (98 A max)</td>
<td>117 A</td>
</tr>
<tr>
<td>TXL870</td>
<td>280 V (56 A max)</td>
<td>112 A</td>
</tr>
<tr>
<td>TXL890</td>
<td>480 V (32 A max)</td>
<td>62 A</td>
</tr>
</tbody>
</table>

**Internal resistance, 3-position selector**

<table>
<thead>
<tr>
<th>Position 1</th>
<th>Position 2</th>
<th>Position 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXL830</td>
<td>0.275 Ω</td>
<td>0.138 Ω</td>
</tr>
<tr>
<td>TXL850</td>
<td>0.55 Ω</td>
<td>0.275 Ω</td>
</tr>
<tr>
<td>TXL865</td>
<td>2.65 Ω</td>
<td>5.05 Ω</td>
</tr>
<tr>
<td>TXL870</td>
<td>4.95 Ω</td>
<td>2.48 Ω</td>
</tr>
<tr>
<td>TXL890</td>
<td>14.10 Ω</td>
<td>7.05 Ω</td>
</tr>
</tbody>
</table>

**Maximal currents, 3-position selector**

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Cells</th>
<th>Cell voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXL830</td>
<td>27.6 V</td>
<td>12</td>
</tr>
<tr>
<td>TXL850</td>
<td>21.6 V</td>
<td>12</td>
</tr>
<tr>
<td>TXL865</td>
<td>24.8 V</td>
<td>108</td>
</tr>
<tr>
<td>TXL870</td>
<td>194.4 V</td>
<td>108</td>
</tr>
<tr>
<td>TXL890</td>
<td>469.2 V</td>
<td>204</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Cells</th>
<th>Cell voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXL830</td>
<td>27.6 V</td>
<td>12</td>
</tr>
<tr>
<td>TXL850</td>
<td>21.6 V</td>
<td>12</td>
</tr>
<tr>
<td>TXL865</td>
<td>24.8 V</td>
<td>108</td>
</tr>
<tr>
<td>TXL870</td>
<td>194.4 V</td>
<td>108</td>
</tr>
<tr>
<td>TXL890</td>
<td>469.2 V</td>
<td>204</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Cells</th>
<th>Cell voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>TXL830</td>
<td>27.6 V</td>
<td>12</td>
</tr>
<tr>
<td>TXL850</td>
<td>21.6 V</td>
<td>12</td>
</tr>
<tr>
<td>TXL865</td>
<td>24.8 V</td>
<td>108</td>
</tr>
<tr>
<td>TXL870</td>
<td>194.4 V</td>
<td>108</td>
</tr>
<tr>
<td>TXL890</td>
<td>469.2 V</td>
<td>204</td>
</tr>
</tbody>
</table>

1) The data examples apply to lead batteries.
OPTIONAL ACCESSORIES

BVM - Battery Voltage Monitoring

Enables automatic battery cell voltage logging during capacity tests
Up to 2x120 units can be used (Daisy-chain)
For complete information see the BVM data sheet

Sensing leads

Sensing lead set (GA-00210)

Clamp-on-probe

Clamp-on probe, 1000 A DC
To measure current in external circuit

Extension cables

Extension cable set (GA-00552)

Extension cable set, high rating (GA-09552)

INCLUDED ACCESSORIES – TORKEL 910

Cable set

INCLUDED ACCESSORIES – TORKEL 930/950

Cable set

TORKEL Viewer

TORKEL Viewer can be used to edit and print out reports
## ORDERING INFORMATION

### TORKEL 910

<table>
<thead>
<tr>
<th>Item</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incl. transport case <strong>Standard</strong>&lt;sup&gt;1&lt;/sup&gt; and accessories:</td>
<td></td>
</tr>
<tr>
<td>Mains cable</td>
<td></td>
</tr>
<tr>
<td>Cable set, 2 x 3 m, 25 mm²</td>
<td>GA-00550</td>
</tr>
<tr>
<td>Soft case for cables</td>
<td>GD-00360</td>
</tr>
<tr>
<td><strong>Incl. transport case <strong>Large</strong>&lt;sup&gt;2&lt;/sup&gt; and accessories:</strong></td>
<td></td>
</tr>
<tr>
<td>Mains cable</td>
<td></td>
</tr>
<tr>
<td>Cable set, 2 x 3 m, 25 mm²</td>
<td>GA-00550</td>
</tr>
<tr>
<td><strong>TORKEL 930</strong></td>
<td></td>
</tr>
<tr>
<td>Incl. transport case <strong>Standard</strong>&lt;sup&gt;1&lt;/sup&gt; and accessories:</td>
<td></td>
</tr>
<tr>
<td>Mains cable</td>
<td></td>
</tr>
<tr>
<td>Cable set, 2 x 3 m, 70 mm²</td>
<td>GA-09550</td>
</tr>
<tr>
<td>Soft case for cables</td>
<td>GD-00360</td>
</tr>
<tr>
<td>TORKEL Viewer</td>
<td>CS-8010X</td>
</tr>
<tr>
<td>USB memory stick</td>
<td>HF-10020</td>
</tr>
<tr>
<td><strong>Incl. transport case <strong>Large</strong>&lt;sup&gt;2&lt;/sup&gt; and accessories:</strong></td>
<td></td>
</tr>
<tr>
<td>Mains cable</td>
<td></td>
</tr>
<tr>
<td>Cable set, 2 x 3 m, 70 mm²</td>
<td>GA-09550</td>
</tr>
<tr>
<td>TORKEL Viewer</td>
<td>CS-8010X</td>
</tr>
<tr>
<td>USB memory stick</td>
<td>HF-10020</td>
</tr>
<tr>
<td><strong>TORKEL 950</strong></td>
<td></td>
</tr>
<tr>
<td>Incl. transport case <strong>Standard</strong>&lt;sup&gt;1&lt;/sup&gt; and accessories:</td>
<td></td>
</tr>
<tr>
<td>Mains cable</td>
<td></td>
</tr>
<tr>
<td>Cable set, 2 x 3 m, 70 mm²</td>
<td>GA-09550</td>
</tr>
<tr>
<td>Soft case for cables</td>
<td>GD-00360</td>
</tr>
<tr>
<td>TORKEL Viewer</td>
<td>CS-8010X</td>
</tr>
<tr>
<td>USB memory stick</td>
<td>HF-10020</td>
</tr>
<tr>
<td><strong>Incl. transport case <strong>Large</strong>&lt;sup&gt;2&lt;/sup&gt; and accessories:</strong></td>
<td></td>
</tr>
<tr>
<td>Mains cable</td>
<td></td>
</tr>
<tr>
<td>Cable set, 2 x 3 m, 70 mm²</td>
<td>GA-09550</td>
</tr>
<tr>
<td>TORKEL Viewer</td>
<td>CS-8010X</td>
</tr>
<tr>
<td>USB memory stick</td>
<td>HF-10020</td>
</tr>
</tbody>
</table>

### Optional accessories

**Transport case **Large** for TORKEL and standard cables** | GD-00955 |

**TXL830 Extra load**

<table>
<thead>
<tr>
<th>Item</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incl. Cable set GA-09550, Control cables 2 x 2 m, Transport case GD-00055</td>
<td>BS-59093</td>
</tr>
</tbody>
</table>

**TXL850 Extra load**

<table>
<thead>
<tr>
<th>Item</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incl. Cable set GA-09550, Control cables 2 x 2 m, Transport case GD-00055</td>
<td>BS-59095</td>
</tr>
</tbody>
</table>

**TXL865 Extra load**

<table>
<thead>
<tr>
<th>Item</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incl. Cable set GA-09550, Control cables 2 x 2 m, Transport case GD-00055</td>
<td>BS-59096</td>
</tr>
</tbody>
</table>

**TXL870 Extra load**

<table>
<thead>
<tr>
<th>Item</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incl. Cable set GA-00550, Control cables 2 x 2 m, Transport case GD-00055</td>
<td>BS-59097</td>
</tr>
</tbody>
</table>

**TXL890 Extra load**

<table>
<thead>
<tr>
<th>Item</th>
<th>Art. No.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Incl. Cable set GA-00550, Control cables 2 x 2 m, Transport case GD-00055</td>
<td>BS-59099</td>
</tr>
</tbody>
</table>

### Item | Art. No. |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cable set</strong></td>
<td></td>
</tr>
<tr>
<td>2 x 3 m, 25 mm², female/clamp, 110 A, 3.0 kg (6.6 lbs)</td>
<td>GA-00550</td>
</tr>
<tr>
<td><strong>Extension cable</strong></td>
<td></td>
</tr>
<tr>
<td>Extension for GA-00550, 2 x 3 m, 25 mm², male/female</td>
<td>GA-00552</td>
</tr>
<tr>
<td><strong>Cable set, high rating</strong></td>
<td></td>
</tr>
<tr>
<td>2 x 3 m, 70 mm², female/fork, 270 A, 5.0 kg (11 lbs)</td>
<td>GA-09550</td>
</tr>
<tr>
<td><strong>Extension cable, high rating</strong></td>
<td></td>
</tr>
<tr>
<td>Extension for GA-09550, 2 x 3 m, 70 mm², male/female</td>
<td>GA-09552</td>
</tr>
<tr>
<td><strong>Sensing lead set</strong></td>
<td></td>
</tr>
<tr>
<td>For measuring voltage at battery terminals, 2 x 5 m (16.4 ft)</td>
<td>GA-00210</td>
</tr>
<tr>
<td><strong>DC clamp-on probe, 1000 A</strong></td>
<td></td>
</tr>
<tr>
<td>To measure current in external circuit</td>
<td>XA-12991</td>
</tr>
<tr>
<td><strong>BVM</strong></td>
<td></td>
</tr>
<tr>
<td>Incl. Dolphin clips, Power &amp; signal connectors, Power supplies, Connection cables and Carrying case</td>
<td></td>
</tr>
<tr>
<td>BVM150, System of 16 BVM units</td>
<td>CJ-59092</td>
</tr>
<tr>
<td>BVM300, System of 31 BVM units</td>
<td>CJ-59093</td>
</tr>
<tr>
<td>BVM600, System of 61 BVM units</td>
<td>CJ-59096</td>
</tr>
<tr>
<td>BVM special 600 V, System of 46 BVM units&lt;sup&gt;3&lt;/sup&gt;</td>
<td>Incl. Dolphin clips, Power &amp; signal connectors, Opto couplers, Power supplies, Connection cables and Carrying case.</td>
</tr>
<tr>
<td><strong>BVM, Single unit</strong></td>
<td></td>
</tr>
<tr>
<td>Incl. Control cable black RJ45 0.5m (1.6 ft)</td>
<td>CJ-59090</td>
</tr>
<tr>
<td><strong>Extension cable</strong></td>
<td></td>
</tr>
<tr>
<td>Extension lead for connecting BVM unit to battery, 0.5 m (1.6 ft)</td>
<td>04-30050</td>
</tr>
</tbody>
</table>

3) The TORKEL 950 can handle a maximum of 500 V. Battery systems over 500 V and up to 600 V can be tested with BVM and TORKEL Win application on a computer.

1) Transport case **Standard**, GD-00954

Size: 670 x 400 x 510 mm, (26.4 x 15.7 x 20.1"
Weight incl. TORKEL (no cables) 31.9 kg (70 lbs)

2) Transport case **Large**, GD-00955, with space for cable set GA-00550

Size: 795 x 400 x 510 mm, (31.3 x 15.7 x 20.1"
Weight incl. TORKEL and cables 35 kg (77 lbs)

---

**ORDERING INFORMATION**

**TORKEL 900-series**

**Battery Load Unit**

---

**SWEDEN**
Megger Sweden AB
Box 724
SE-182 17 Danderyd
SWEDEN
T. +46 8 510 195 00
F. +46 8 510 195 95
E. seinfo@megger.com

---

**TORKEL900-series_DS_en_V06a**

ZI CS01E • Doc. CS036646F • 2018
Subject to change without notice
Megger Sweden AB
Registered to ISO 9001 and 14001
The word ‘Megger’ is a registered trademark

www.megger.com