



Modulbericht

250415_183300_1-332fde19

Erstellt durch:

2nd Cycle FlexCo
Agathastraße 2-4 Top 4
3300 Amstetten

am:

2025-04-15 18:33:01

Hersteller

TW Solar

Modell

TW660MCP-132-H

Seriennummer

MCCHMPM23211003410

UID

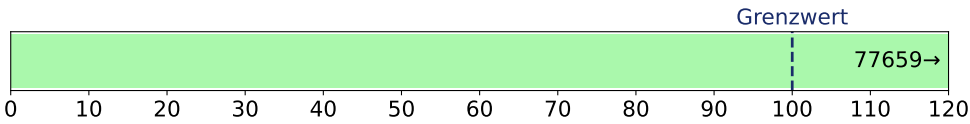
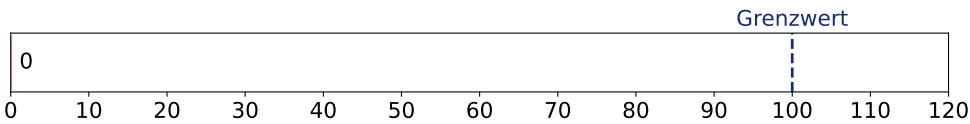
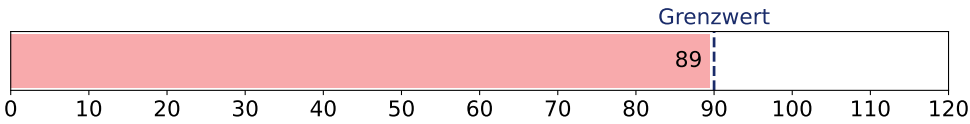
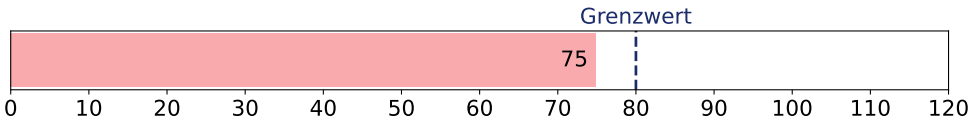
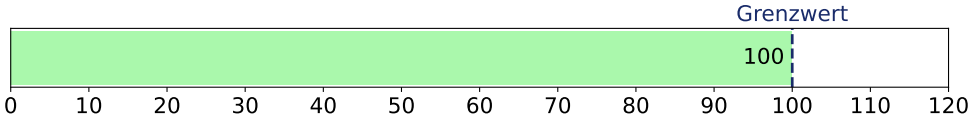
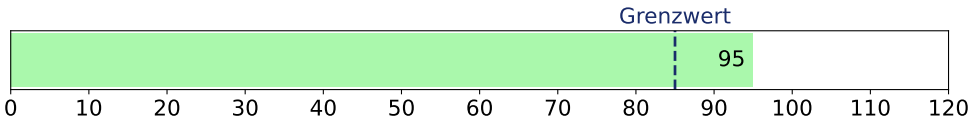
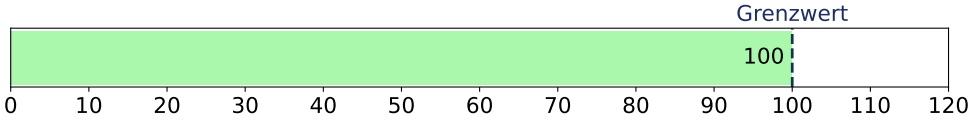
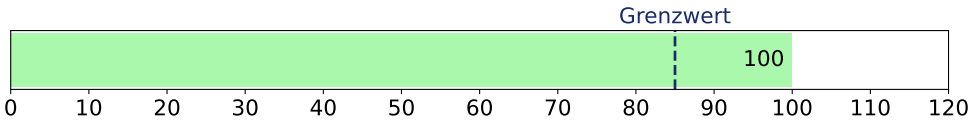
1-332fde19

Gesamtbewertung

durchgefallen

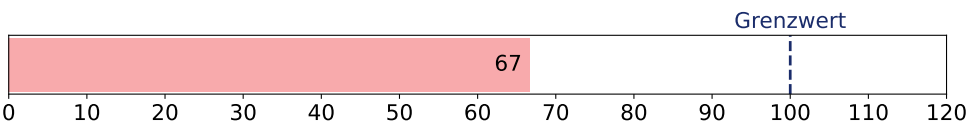
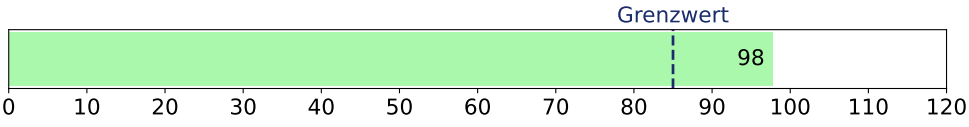


Übersicht

Isolationsmessung	Ergebnis [%] mit Grenzwert aus EN61215-2 (MQT 3)
Trocken	 Bar chart showing the result for Dry Isolation Measurement. The x-axis ranges from 0 to 120. A green bar represents the result of 77659%, which is well above the limit of 100%.
Nass	 Bar chart showing the result for Wet Isolation Measurement. The x-axis ranges from 0 to 120. A white bar represents the result of 0%, which is below the limit of 100%.
Bypass Dioden Test	Ergebnis [%] mit Grenzwert aus EN61215-2 (MQT 18.2 - Verfahren B)
Durchflussspannung @ 1A	 Bar chart showing the result for Bypass Diode Test. The x-axis ranges from 0 to 120. A red bar represents the result of 89%, which is below the limit of 90%.
Dunkelkennlinie	Ergebnis [%] nach interner Prüfvorschrift
Durchflussspannung @ Isc	 Bar chart showing the result for Dark Characteristic. The x-axis ranges from 0 to 120. A red bar represents the result of 75%, which is below the limit of 80%.
Visuelle Inspektion Vorderseite	Ergebnis [%] nach interner Prüfvorschrift
Sicherheit	 Bar chart showing the result for Front Side Visual Inspection - Safety. The x-axis ranges from 0 to 120. A green bar represents the result of 100%, which is exactly at the limit of 100%.
Qualität	 Bar chart showing the result for Front Side Visual Inspection - Quality. The x-axis ranges from 0 to 120. A green bar represents the result of 95%, which is above the limit of 85%.
Visuelle Inspektion Rückseite	Ergebnis [%] nach interner Prüfvorschrift
Sicherheit	 Bar chart showing the result for Back Side Visual Inspection - Safety. The x-axis ranges from 0 to 120. A green bar represents the result of 100%, which is exactly at the limit of 100%.
Qualität	 Bar chart showing the result for Back Side Visual Inspection - Quality. The x-axis ranges from 0 to 120. A green bar represents the result of 100%, which is above the limit of 85%.

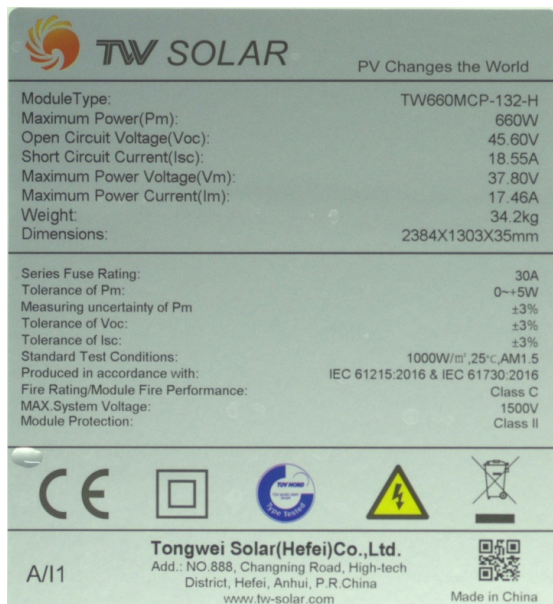


250415_183300_1-332fde19

Elektrolumineszenz	Ergebnis [%] nach interner Prüfvorschrift
Sicherheit	 Bar chart for Sicherheit: The x-axis ranges from 0 to 120. A red bar represents the result of 67. A vertical dashed line at 100 is labeled 'Grenzwert'.
Qualität	 Bar chart for Qualität: The x-axis ranges from 0 to 120. A green bar represents the result of 98. A vertical dashed line at 85 is labeled 'Grenzwert'.



Modul Information

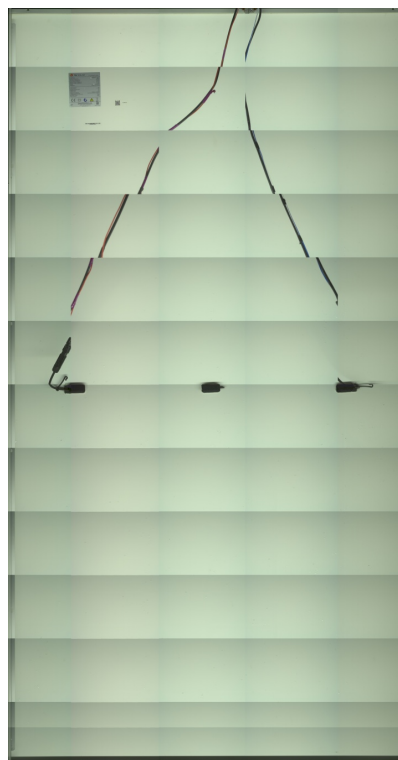


Hersteller	TW Solar
Modell	TW660MCP-132-H
Seriennummer	MCCHMPM23211003410
MPP-Leistung	660 W
Leerlaufspannung	45.6 V
Kurzschlussstrom	18.55 A
Abmessungen	2384 x 1303 x 35 mm
Gewicht	34.2 kg
Anzahl der Zellen	132
Modul Effizienz	21.2 %
Maximale Systemspannung	1500.0 VDC

Typenschild



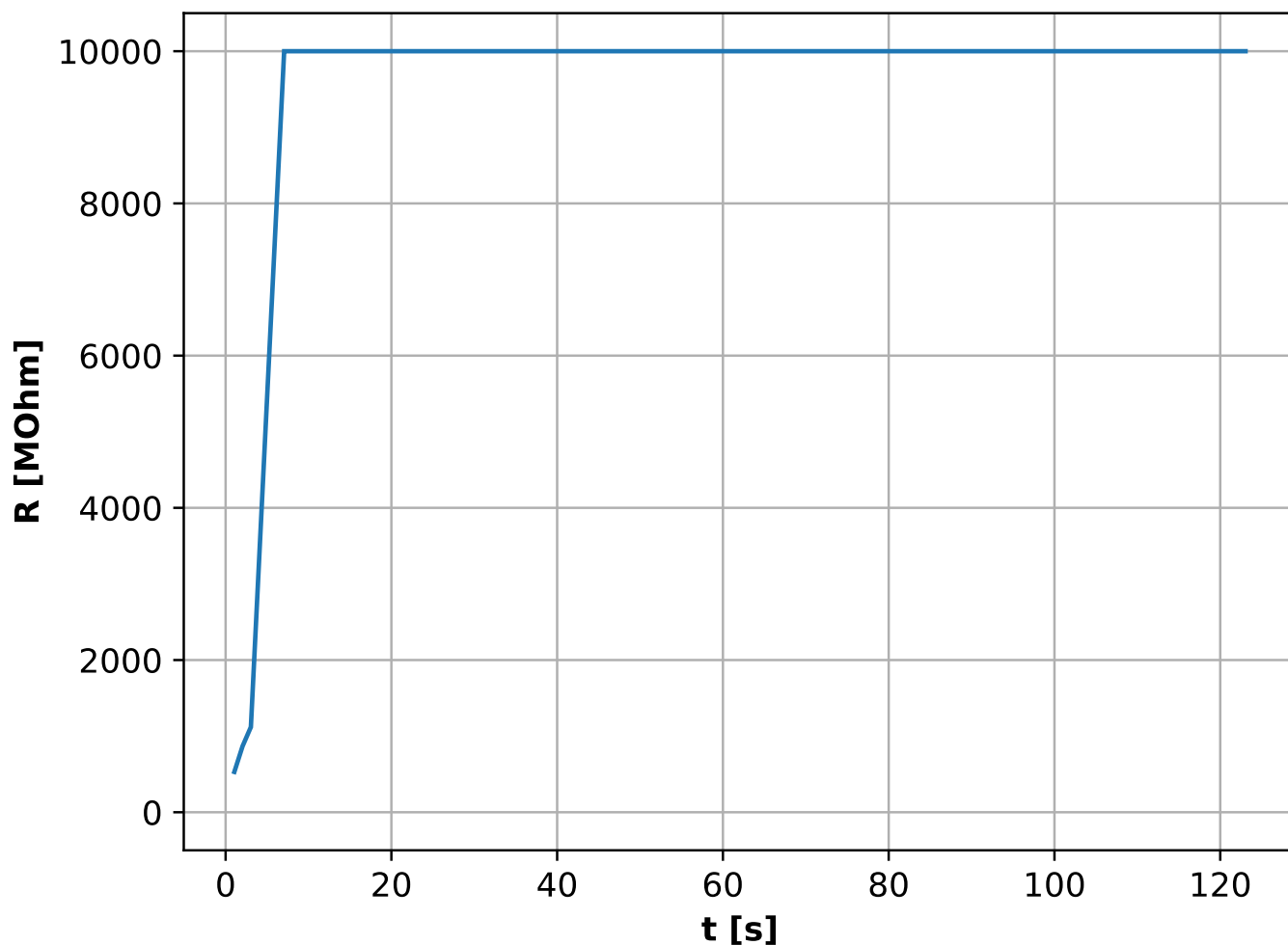
Vorderansicht



Rückseitenansicht



Isolationsmessung Trocken

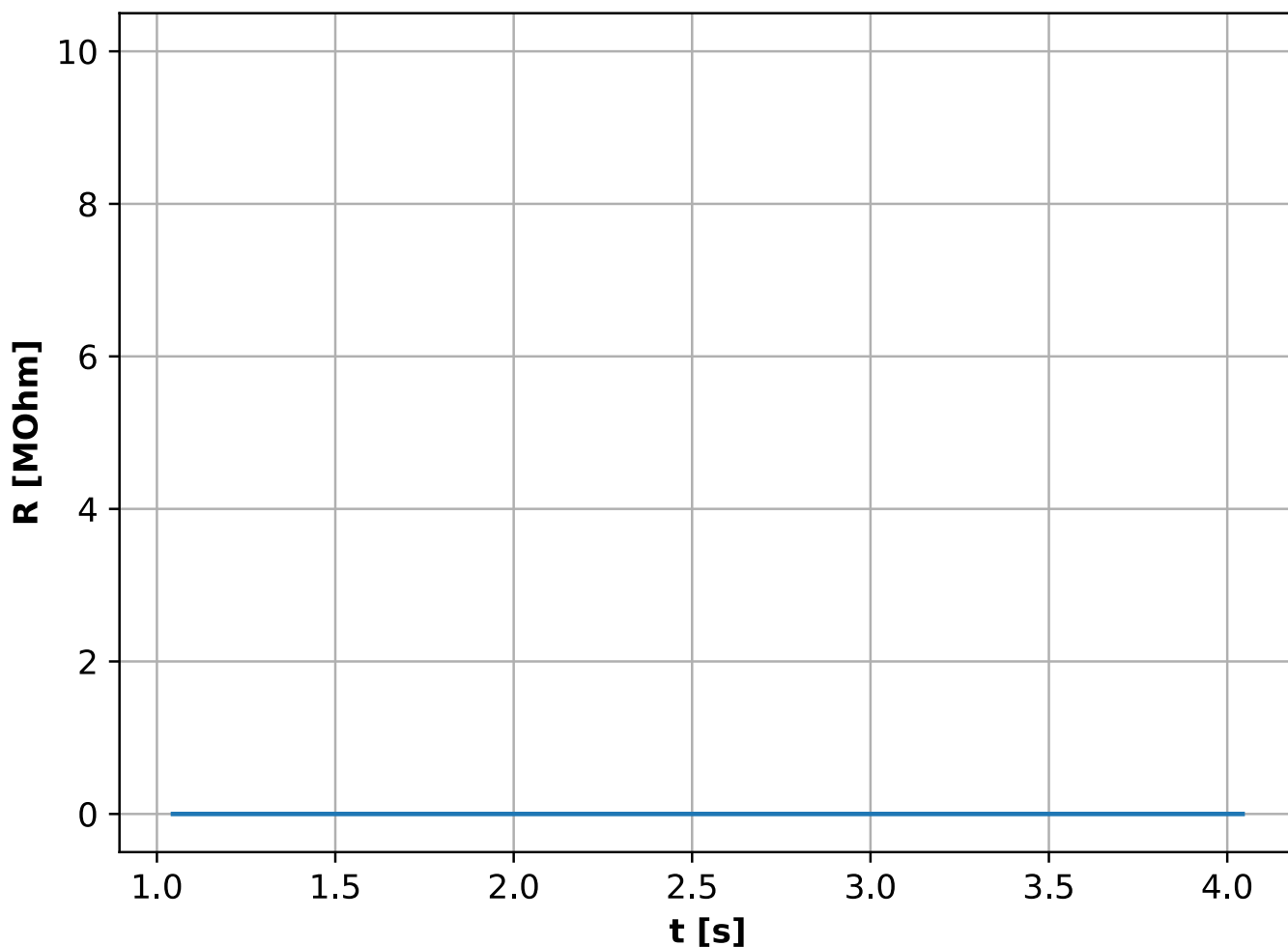


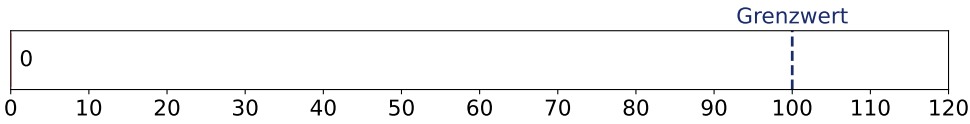
	Ergebnis [%] mit Grenzwert aus EN61215-2 (MQT 3)
Isolationswiderstand	Grenzwert 77659→

Messung nach EN61215-2 (MQT 3)



Isolationsmessung Nass

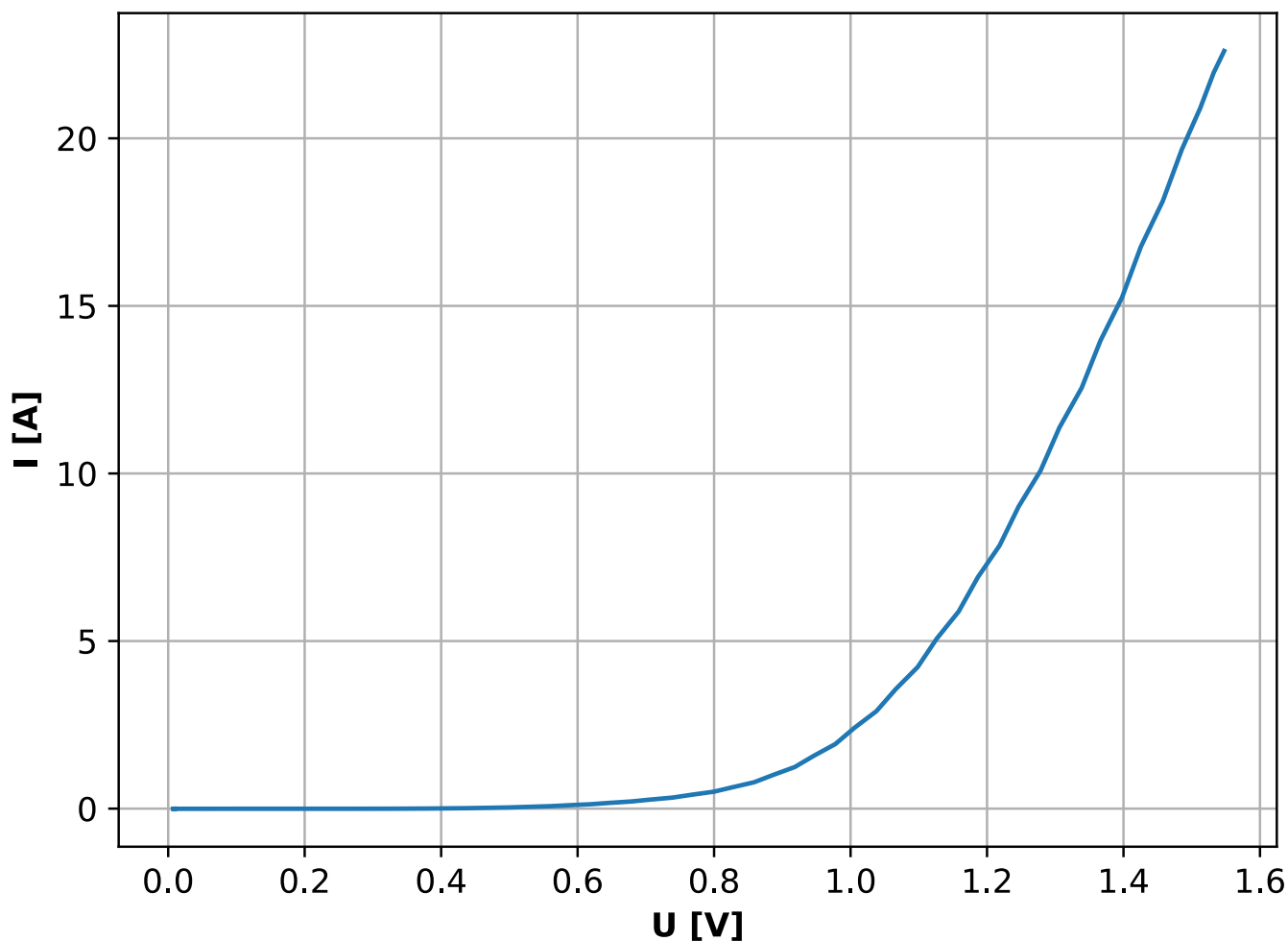


	Ergebnis [%] mit Grenzwert aus EN61215-2 (MQT 3)
Isolationswiderstand	 A horizontal bar chart with a scale from 0 to 120. A vertical dashed line at 100 is labeled 'Grenzwert'. A blue bar representing the result extends from 0 to 0, with the number '0' written at its end.

Messung nach EN61215-2 (MQT 15)



Bypass Dioden Test

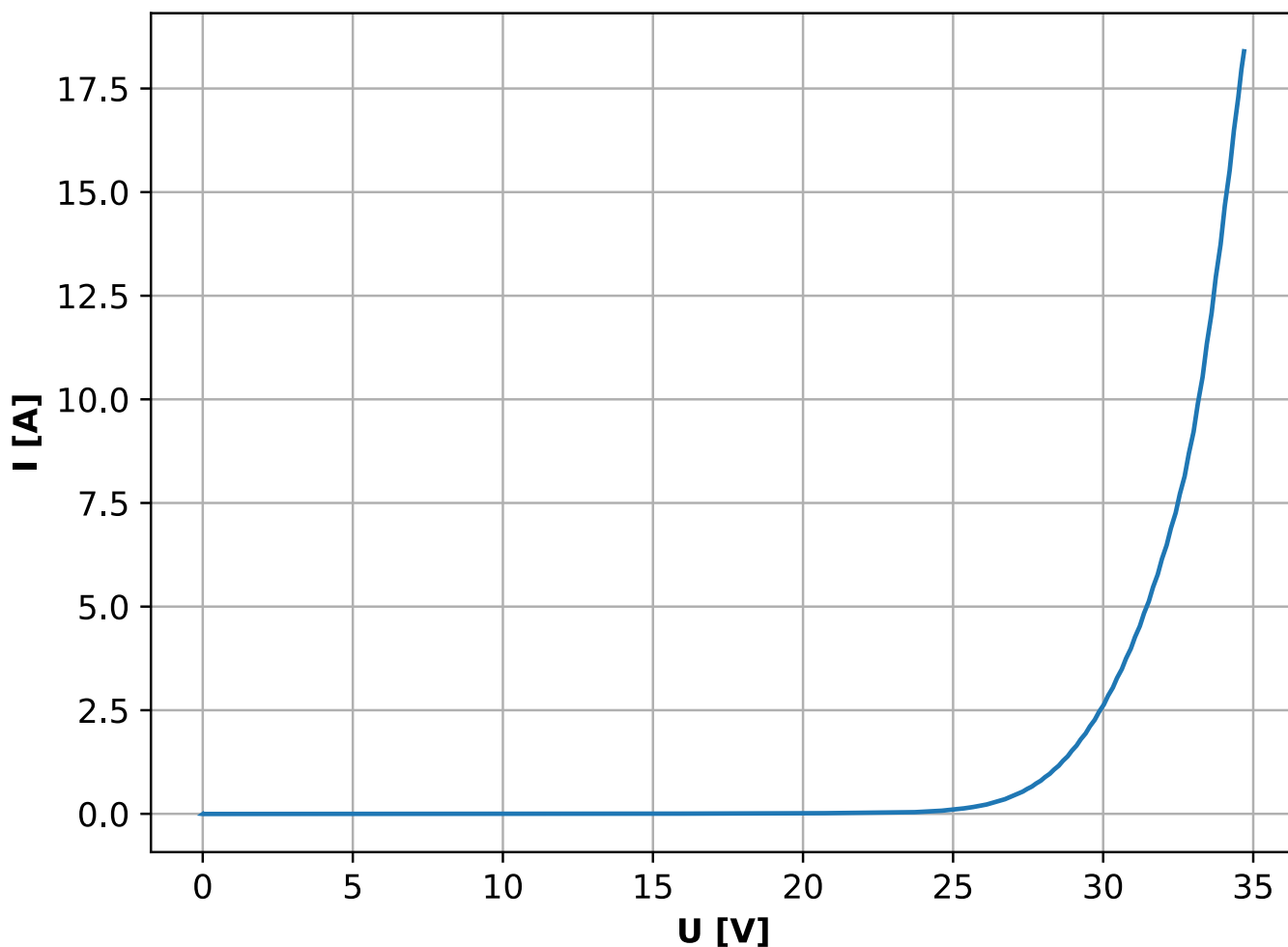


	Ergebnis [%] mit Grenzwert aus EN61215-2 (MQT 18.2 - Verfahren B)
Durchflussspannung @ 1A	Grenzwert 89

Messung nach EN61215-2 (MQT 18.2 - Verfahren B)

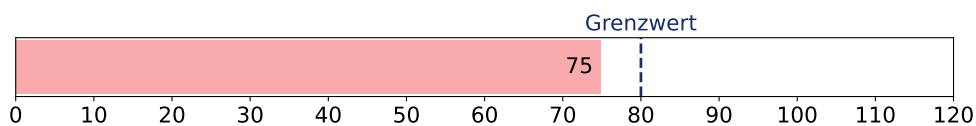


Dunkelkennlinie



Ergebnis [%] nach interner Prüfvorschrift

Durchflussspannung @ I_{sc}





250415_183300_1-332fde19

Visuelle Inspektion Vorderseite



Nummer	Fehler
1	Verkapselungsmaterial



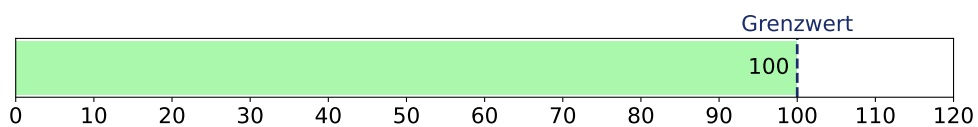
Qualität



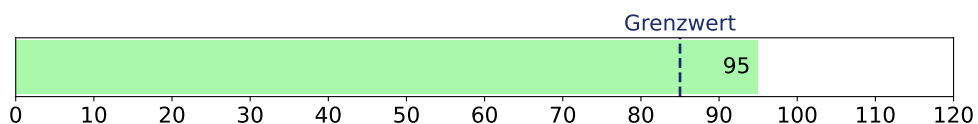
Sicherheit

Ergebnis [%] nach interner Prüfvorschrift

Sicherheit

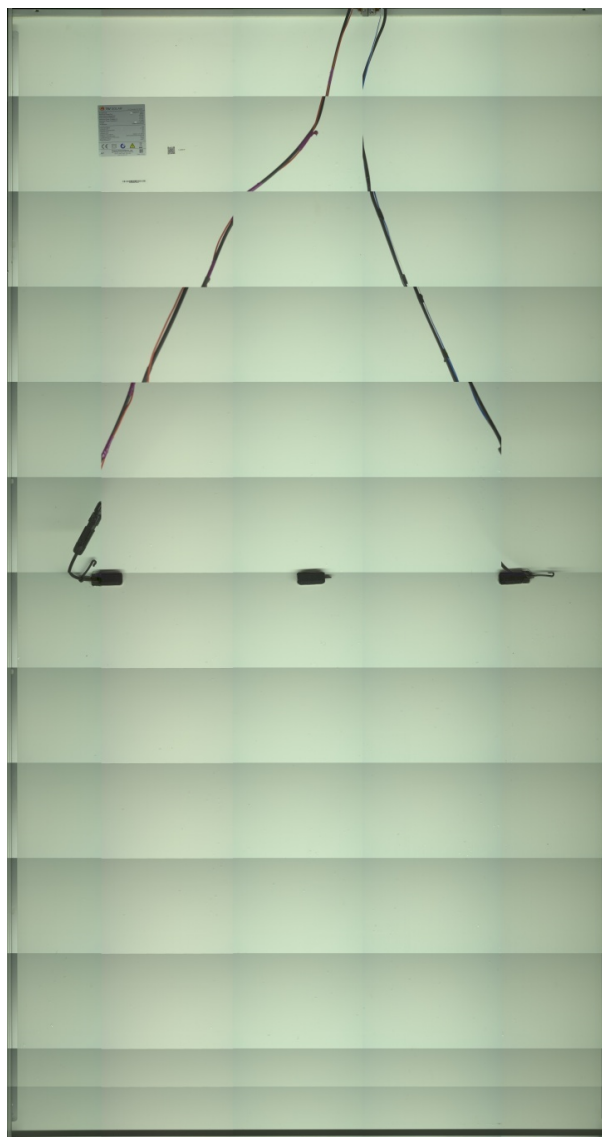


Qualität



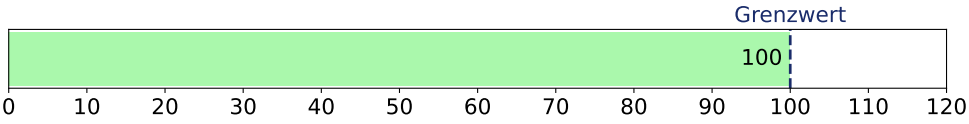
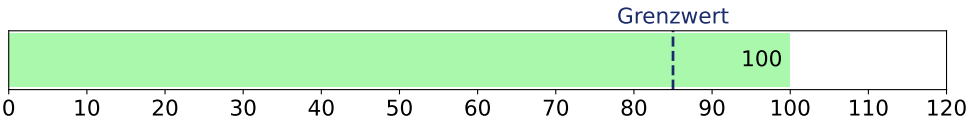


Visuelle Inspektion Rückseite



Nummer	Fehler
-	-

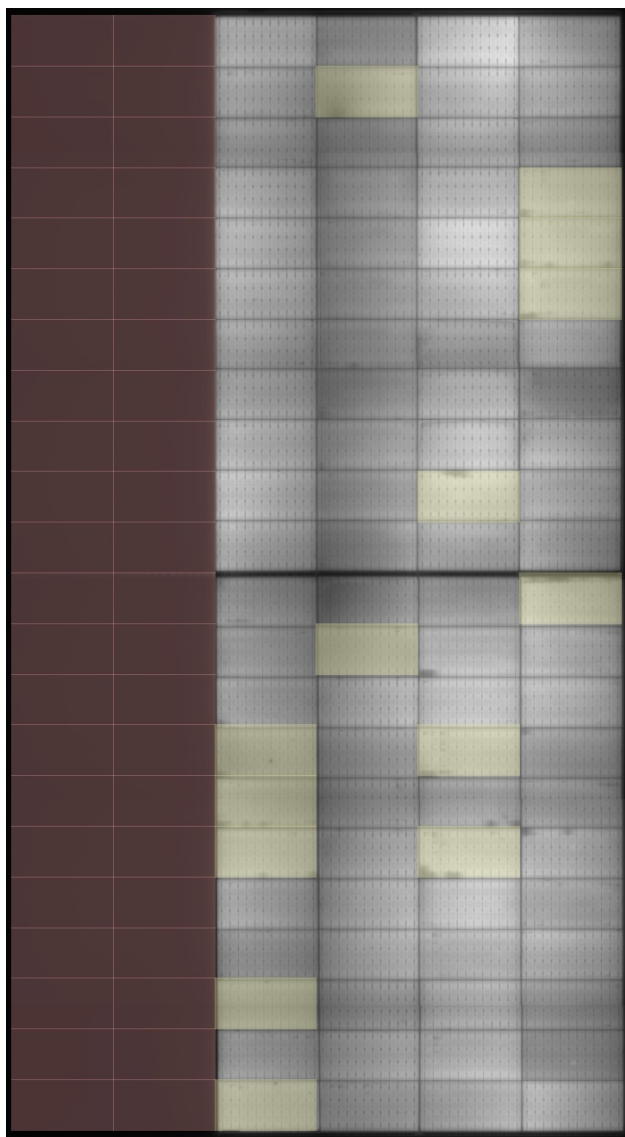
**Qualität****Sicherheit**

	Ergebnis [%] nach interner Prüfvorschrift
Sicherheit	 Bar chart for Safety: The x-axis ranges from 0 to 120. A green bar extends to 100. A vertical dashed line at 100 is labeled 'Grenzwert'.
Qualität	 Bar chart for Quality: The x-axis ranges from 0 to 120. A green bar extends to 100. A vertical dashed line at 100 is labeled 'Grenzwert'.

Überprüfung der Kabel und Stecker: i.O.

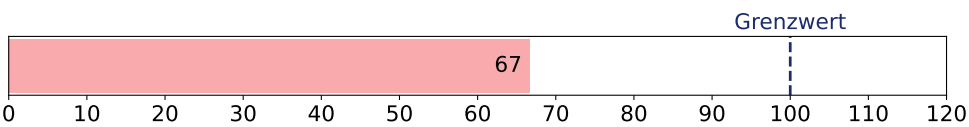
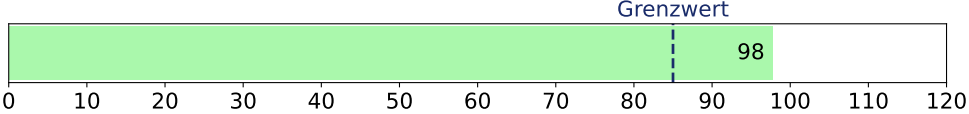


Elektrolumineszenz



 **Qualität**

 **Sicherheit**

	Ergebnis [%] nach interner Prüfvorschrift
Sicherheit	 67
Qualität	 98