

990 mm

1640 mm



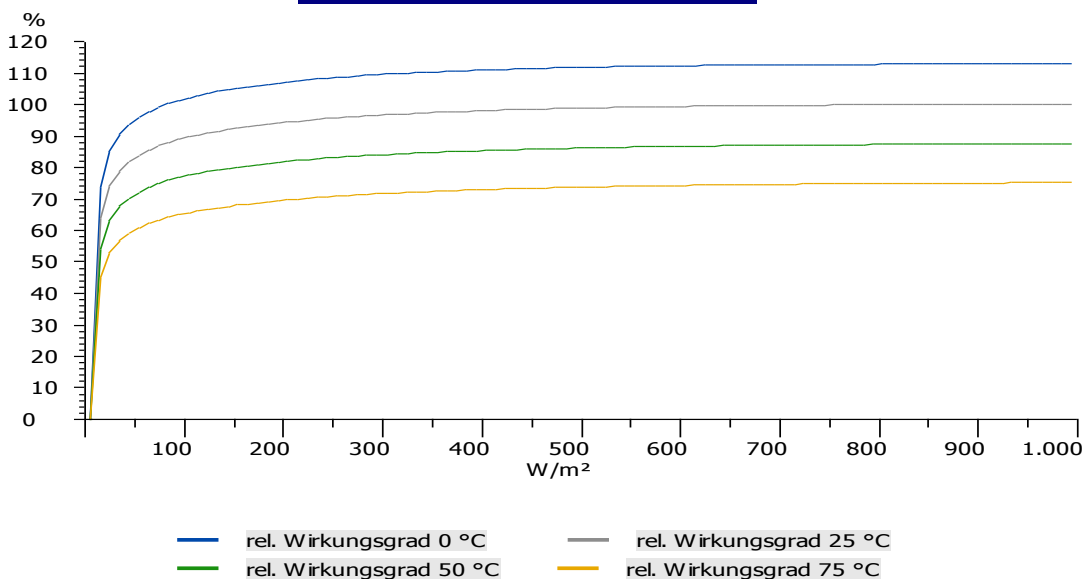
DCH High-Performance Panel

High Yields due to high-efficient Busbar-Technology. DCH modules guarantees higher conversion efficiency of the cells and an excellent low insulation utilization. The photovoltaic effect is used more effectively.

- ◆ **Use of pre-selected cells only**
- ◆ **Narrow output tolerance**
- ◆ **Plus-sorted modules delivered!**
- ◆ **Wide temperature range**
- ◆ **High resistance to mechanical loads**
- ◆ **UV / Ozone resistant**
- ◆ **Flash-Data for each module provided**
- ◆ **Easy and fast installation**
- ◆ **Self-supporting aluminium frame**
- ◆ **System voltage up to 1000V/1500V**

**25 Years Solar Modules Power
Guarantee
10 Years Quality Guarantee**

DCH310W Mono PERC-Black



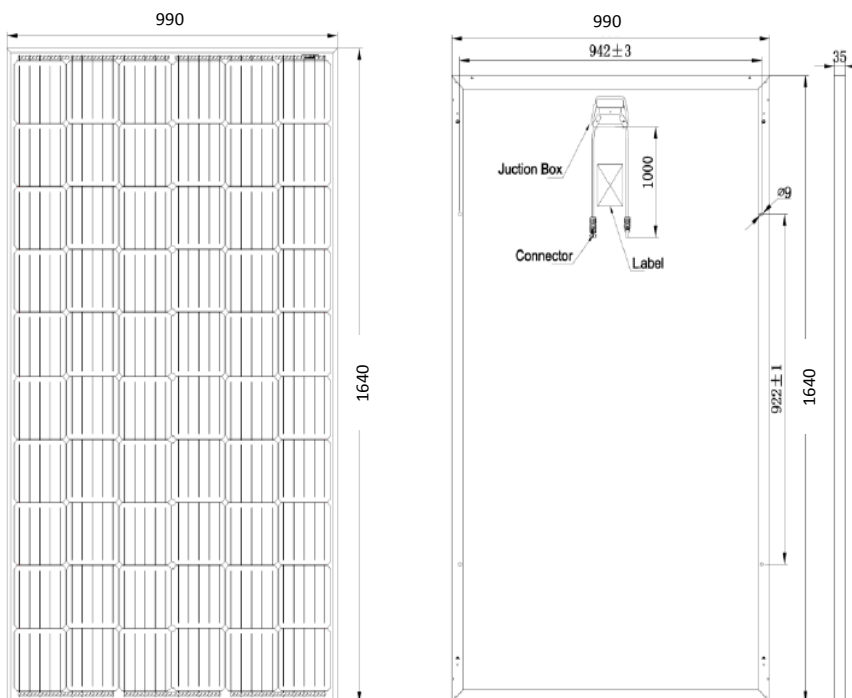
Ihr Solar und LED Experte!
Your solar und LED expert!

DCH310-60MB



Nominal Power	310 Wp
Voltage at max. power Umpp	33.20 V
Current at max. power Impp	9.35 A
Open circuit voltage Uoc	40.30 V
Short circuit current Isc	9.98 A
Efficiency	18.94 %
Nominal power tolerance	0~+3%
Temperature Coefficient Pm%/ °C	-0.4200%/°C
Temperature Coefficient Uoc%/°C	-0.3300%/°C
Number of Bypass-Diodes	3 Pieces
Junction Box	Protection type: IP67 with spring-cage term
Solar cells per module	60 Pieces
Solar cell type	Mono PERC156.75 x 156.75 mm 5BB
Connection	Junction-Box with 3 bypass-diodes Double isolated, UV-Resistant 4 mm ² cable with MC4connector ca. 1000 mm each
Max. system voltage	1000V
Operating temperature range	-40 ~ +85°C
Dimensions (tolerance +/- 1 mm)	1640 mm x 990 mm
Frame Height (tolerance +/- 1 mm)	35 mm, silver anodized Al alloy
Weight	ca. 18.5 kg
Laminat/Glas	3,2 mm Tempered Coated
Colouring	Back side: Black
Hail test:	Maximum diameter of 25mm with an impact speed of 23 m/s
Max. pressure allowed:	Max. 5400 N/m ²

Data applies to Standard Test Conditions (STC): Irradiance 1000W/m² with an AM of 1,5 and a cell temperature of 25°C



DCH-Energy GmbH
57080 Siegen

Fon: 0271 – 38 78 10-0
Fax: 0271 – 38 78 10-22

E-Mail: info@dch-group.de
Internet: www.dch-group.de

