

992 mm

1650 mm



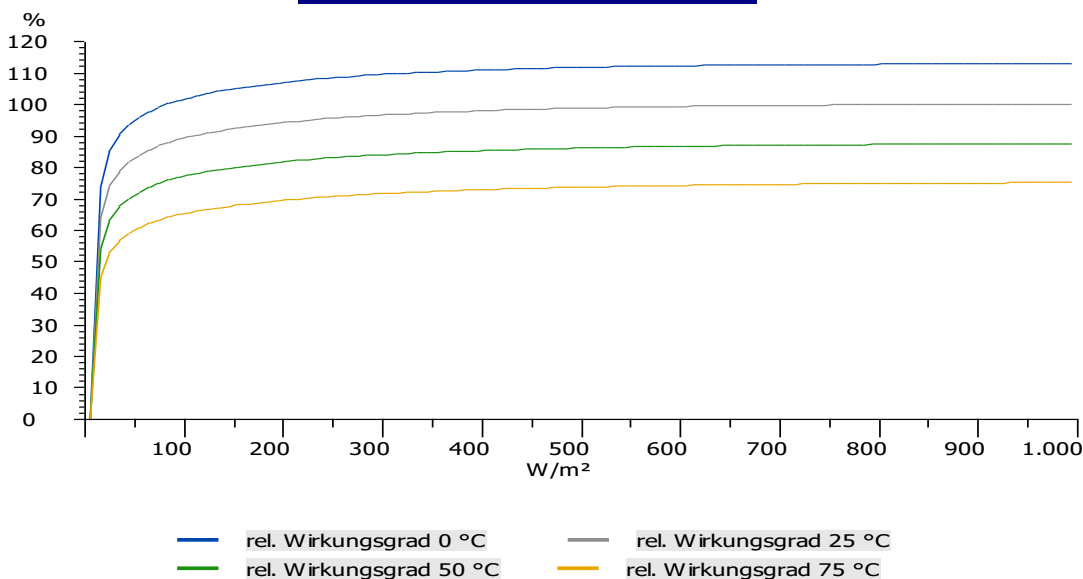
DCH High-Performance Panel

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 high efficiency perc 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 (12BB)



Nominal Power	315 Wp
Voltage at max. power Umpp	33.87 V
Current at max. power Impp	9.31 A
Open circuit voltage Uoc	40.43 V
Short circuit current Isc	9.90 A
Efficiency	19.24 %
Nominal power tolerance	0~5W
Temperature Coefficient Pm%/K	-0.380%/K
Temperature Coefficient Uoc%/K	-0.284%/K
Number of Bypass-Diodes	3 Pieces
Junction Box	Protection type: IP65 / IP67
Solar cells per module	60 Pieces
Solar cell type	Monocrystalline 12BB
Connection	Junction-Box with 3 bypass-diodes
	Double isolated, UV-Resistant 4 mm ² cable with MC4connector
	ca. 1000 mm each
Max. system voltage	1000VDC / 1500VDC
Operating temperature range	-40 ~ +85°C
Dimensions (tolerance +/- 1 mm)	1650 mm x 992 mm
Frame Height (tolerance +/- 1 mm)	35 mm, silver anodized Al alloy
Weight	ca. 18 kg
Laminat/Glas	3,2 mm Tempered Coated
Colouring	Back side: white
Hail test:	Maximum diameter of 25mm with an impact speed of 23 m/s
Max. pressure allowed:	Max. 5400 Pa

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

