

# 365-390W

182 mm Half Cell, 108Cells

VDS-S108/M10N-C

TOPCon Monofacial Solar Module

Module Efficiency

19.9%

Highest Power Output

390W

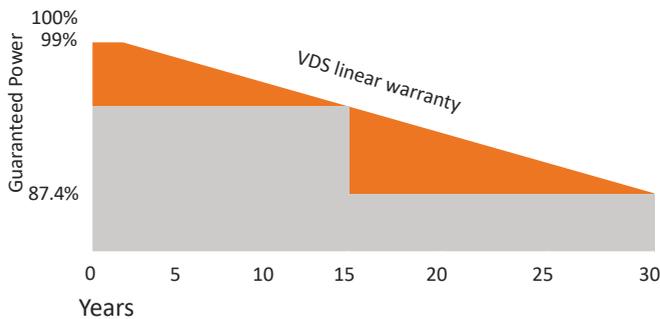
Product Warranty

15 YEARS

Linear Power Warranty

30 YEARS

## PERFORMANCE WARRANTY



1.00% First year power degradation

0.40% Annual degradation

## PRODUCT ADVANTAGES



### 16BB half-cut cell technology

New circuit design, lower internal current, lower  $R_s$  loss Ga doped wafer, attenuation <math><1\%</math>(1st year)/<math>\leq 0.40\%</math>(Linear)



### Significantly lower the risk of hot spot

Special circuit design with much lower hot spot temperature



### Lower LCOE

1% more power generation, lower LCOE



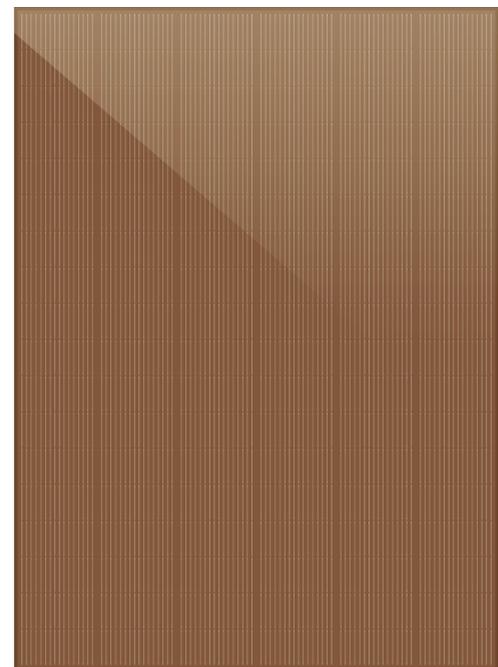
### Excellent Anti-PID performance

2 times of industry standard Anti-PID test by TUV SUD



### IP68 junction box

High waterproof level



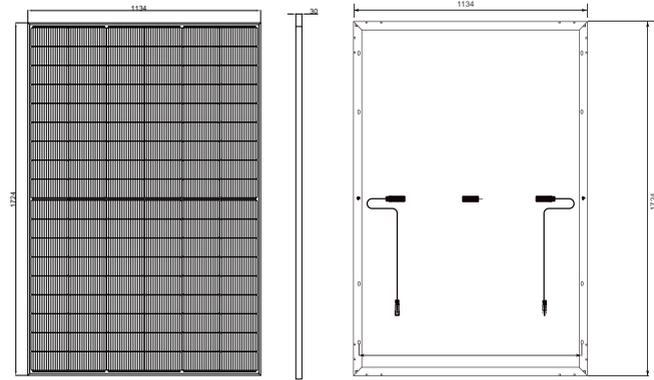
# VDS-S108/M10N-C

## ELECTRICAL PARAMETERS

Maximum Power (Pmax/W)*	365	370	375	380	385	390
Operating Voltage (Vmp/V)	31.21	31.40	31.59	31.78	31.95	32.14
Operating Current (Imp/A)	11.71	11.80	11.88	11.97	12.06	12.18
Open-Circuit Voltage (Voc/V)	37.17	37.36	37.55	37.74	37.93	38.12
Short-Circuit Current (Isc/A)	11.96	12.06	12.16	12.26	12.36	12.46
Module Efficiency $\eta_m$ (%)	18.7	18.9	19.2	19.4	19.7	19.9
Power Tolerance (W)	0~+5					

STC: Irradiance 1000W/m<sup>2</sup>, module temperature 25°C, AM=1.5; \*Measuring tolerance: ±3%

## TECHNICAL DRAWINGS



## MECHANICAL SPECIFICATION

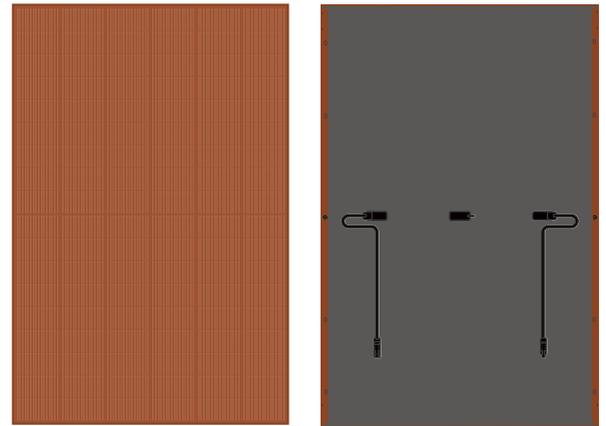
Cell Type	N-type TOPCon Monocrystalline silicon
Cell Dimensions	182*91 mm
Cell Arrangement	108 (6*18)
Weight	21 kg
Module Dimensions	1724*1134*30 mm
Cable Length	350 mm or customized length
Cable Cross Section Size	TÜV: 4 mm <sup>2</sup>
Front Glass	3.2 mm AR Coating Tempered Glass
No. of Bypass Diodes	3/3
Packing Configuration	36 pcs/Carton, 936 pcs/40HQ
Frame	Anodized Aluminium Alloy
Junction Box	IP68

## OPERATING CONDITIONS

Maximum System Voltage	1500V/DC(IEC)
Operating Temperature	-40°C to +85°C
Maximum Series Fuse	25A
Static Loading	Snow Loading: 5400Pa / Wind Loading: 2400Pa
Conductivity at Ground	≤0.1Ω
Safety Class	II
Resistance	≥100MΩ
Connector	MC4 compatible

## TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.29%/°C
Temperature Coefficient Voc	-0.25%/°C
Temperature Coefficient Isc	+0.046%/°C
NMOT	42±2°C



## I-V CURVE

