

# 400-410W

182 mm Half Cell, 108 Cells

VDS-S108/M10N-F

Flexible Solar Module

Module Efficiency

20.7%

Highest Power Output

410W

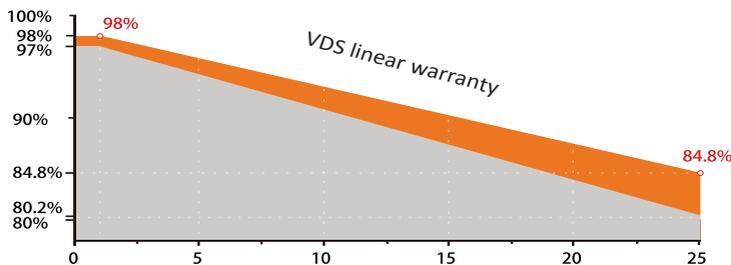
Product Warranty

15 YEARS

Linear Power Warranty

30 YEARS

## PERFORMANCE WARRANTY



2.00% First year power degradation

0.55% Annual degradation

## PRODUCT ADVANTAGES



### Light weight:

No glass components are 70% lighter than traditional glass components.



### Flexible:

Special processes and materials allow the components to have a certain degree of flexibility, enabling bending to adapt to different curved surfaces.



### Lower transportation costs:

With the same shipping cost, the number of components per container is 1.5 times that of conventional components, and the per-piece shipping cost is 33% cheaper.



### Easier installation:

The components are easier to handle and install faster, effectively reducing construction difficulty and lowering labor costs.



### Higher investment returns:

Higher efficiency, lower BOS costs, and effectively reduced LCOE.



# VDS-S108/M10N-F

## ELECTRICAL PARAMETERS

Maximum Power (Pmax/W)*	400	405	410
Operating Voltage (Vmp/V)	30.70	30.84	30.91
Operating Current (Imp/A)	13.03	13.16	13.39
Open-Circuit Voltage (Voc/V)	37.10	37.16	37.26
Short-Circuit Current (Isc/A)	13.66	13.81	13.93
Module Efficiency ηm (%)	20.2	20.5	20.7
Power Tolerance (W)		0~+5	

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

## MECHANICAL SPECIFICATION

Cell Type	N-type TOPCon Monocrystalline silicon
Cell Dimensions	182*91 mm
Cell Arrangement	108 (6*18)
Weight	6.1kg
Module Dimensions	1735*1141*3 mm (Without a junction box)
Module Dimensions	1735*1141*18 mm (With a junction box)
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	2/2
Packing Configuration	70 pcs/Carton, 1820 pcs/40HQ
Junction Box	IP68

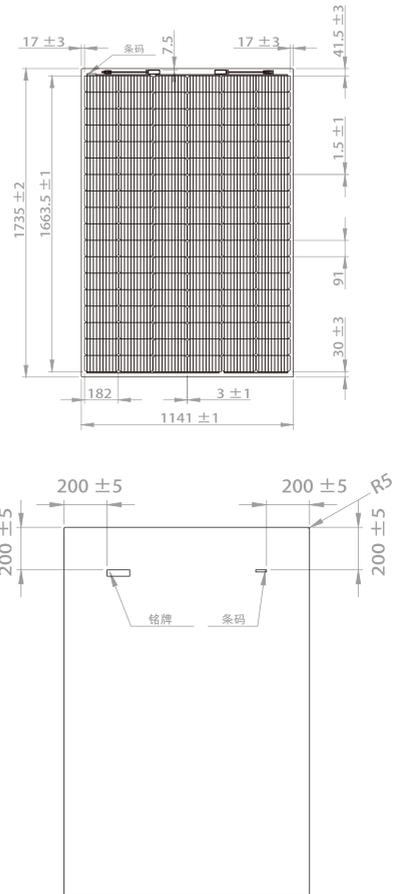
## OPERATING CONDITIONS

Maximum System Voltage	1500V/DC(IEC)
Operating Temperature	-40°C to +85°C
Maximum Series Fuse	20A
Safety Class	II
Connector	MC4 compatible

## TEMPERATURE COEFFICIENT

Temperature Coefficient Pmax	-0.35%/°C
Temperature Coefficient Voc	-0.25%/°C
Temperature Coefficient Isc	+0.050%/°C
NMOT	41±2°C

## TECHNICAL DRAWINGS



## I-V CURVE

