

NEW! 25-YEAR LINEAR  
PERFORMANCE GUARANTEE  
AND 5-YEAR EXTENDED  
PRODUCT WARRANTY\*

## DOKIO 100W Mono

Length	1190 mm
Width	540 mm
Height	5 mm
Weight	0.7 kg
Frame	Aluminum



### DFSP 100W Mono Flexible Panel

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World-class quality

DOKIO products are made by A grade raw materials, and all model have pass through TUV CE ISO Certification!

25-year Linear Performance Guarantee

DOKIO guarantees, over 25 years, that the modules' performance will not decrease by more than 0.7% per year –a distinct added value compared to the two-tiered guarantees usual in the industry.

according to the DOKIO service certificate valid at the time of purchase

[www.Dokiosolar.com](http://www.Dokiosolar.com)

## DFSP 100W Mono Flexible Panel

### PERFORMANCE UNDER STANDARD TEST CONDITIONS(STC\*)

		DFSP-100M
Maximum power	$P_{\max}$	100W <sub>p</sub>
Open circuit voltage	$V_{oc}$	22.5V
Maximum power point voltage	$V_{mpp}$	18V
Short-circuit current	$I_{sc}$	5.81 A
Maximum power point current	$I_{mpp}$	5.56 A

PERFORMANCE AT 1000 W/ M<sup>2</sup>, NOCT, AM 1.5

Minor reduction in efficiency under partial load conditions at 25°C: at 250 W/m<sup>2</sup>, 95%- (+/-3%) of the STC efficiency (1000 W/m<sup>2</sup>) is achieved.

## COMPONENT MATERIALS

## SYSTEM INTEGRATION

## PARAMETERS

Cells per module	36
Cell type	Monocrystalline Silicon
Cell dimensions	125 mm x 125 mm
Front	tempered glass (EN12150)

Maximum system voltage SC II	1000 V
Maximum system voltage USA NEC	600 V
Maximum reverse current	16 A
Increased snowload acc. to IEC 61215	5.4 kN/m <sup>2</sup>

## THERMAL CHARACTERISTICS

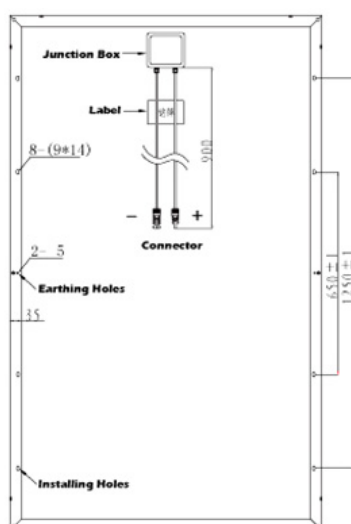
NOCT	47 °C
TC I <sub>sc</sub>	0.042 %/°C
TC V <sub>oc</sub>	-0.33 %/°C
TC P <sub>mpp</sub>	-0.45 %/°C

## ADDITIONAL DATA

PTC rating	90 W
Junction box	IP65
Connector	MC4
Cell efficiency	17.0%
DOKIO Plus-Sorting*	$P_{\text{Flash}} \geq P_{\text{max}}$
Power tolerance*	+/- 3 %

\*Only modules with flash-tested power  $\geq P_{\max}$  are delivered.

Linear warranty guarantees Year 1 module output to  $\geq 97\%$  of  $P_{\max}$



- Qualified, IEC 61215
- Safety tested, IEC 61730
- Periodic Inspection



CORROSIVE  
GAS (NH<sub>3</sub>)  
RESISTANT



Made in China