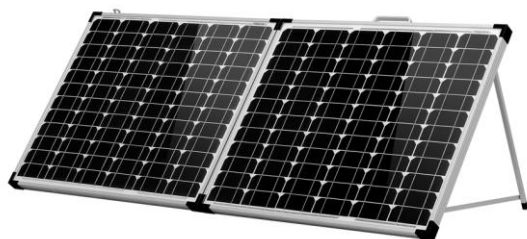


160M
(80W x 2)
MONO



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

Length	680	mm
Width	800	mm
Height	70	mm
Weight	13.00	kg
Frame	Aluminum	

NOTE:
MPPT Controller 12V/10A



FSP 160M(80W x 2) MONO

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



FSP 160M(80W x 2) MONO

PERFORMANCE UNDER STANDARD TEST CONDITIONS(STC*)

FSP-160M(80Wx2)		
Maximum power	P _{max}	160Wp
Open circuit voltage	V _{oc}	21.60V
Maximum power point voltage	V _{mpp}	18.00V
Short-circuit current	I _{sc}	9.14A
Maximum power point current	I _{mp}	8.89A

PERFORMANCE AT 1000 W/ M² , NOCT, AM 1.5

Minor reduction in efficiency under partial load conditions at 25° C: at 100 W/m², 95% (-/+3%) of the STC efficiency (1000 W/m²) is achieved.

COMPONENT MATERIALS

Cells per module	104
Cell type	Monocrystalline Silicon
Cell dimensions	125mm x 55mm
Front	tempered glass (EN12150)

SYSTEM INTEGRATION PARAMETERS

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 ²

THERMAL CHARACTERISTICS

NOCT	47 ° C
TC I _{sc}	0.042 %/° C
TC V _{oc}	-0.33 %/° C
TC P _{mp}	-0.45 %/° C

ADDITIONAL DATA

PTC rating	90 W
Junction box	IP65
Connector	MC4
Module efficiency	17.0%
DOKIO Plus-Sorting*	P _{Flash} ≥ P _{max}
Power tolerance*	+/- 3 %

*Only modules with flash-tested power ≥ P_{max} are delivered.

Linear warranty guarantees Year 1 module output to ≥ 97% of P_{max}



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



CORROSIVE
GAS (NH₃)
RESISTANT



Made in China