ENFROS

CREATING VALUE, WATT BY WATT



POLYCRYSTALLINE SOLAR PV MODULES | 36 CELLS | 60 WATT

MICROTHRON SERIES

3BB/4BB SERIES

Model Type	EFS12060MC36
Electrical Data: at Standard test condition (S	STC)*
Maximum power (P _{max})	60W
Open circuit voltage (V _{oc})	22.32 V
Short circuit current (I _{sc})	3.63 A
Voltage at P _{max} (V _{mp})	18.1 V
Current at P _{max} (I _{mp})	3.32 A
Tolerance at P _{max}	±3% Wp
Thermal Data:	
Temperature coefficient of V_{oc}	-0.36 %/K
Temperature coefficient of I _{sc}	0.06 %/K
Temperature coefficient of P _{max}	-0.43 %/K
Normal operating cell temperature	47±2 °C
Mechanical Data:	
Cell type	Multi Crystalline
Solar cell per module	36
Module dimensions L x W x T, mm	665 x 665 x 35
Mounting hole pitch (Y)	250 mm
Mounting hole pitch (X)	630mm
Mounting hole size (A)	12 x 8.5mm oblong holes at 4 places
Module weight, Kg	5.05
Module area, m ²	0.442
Junction box	3 terminal with 2 bypass diode
Front cover	3.2 Toughened textured low iron glass
Embedding	EVA (ethylene vinyl acetate)
Permissible operating conditions:	
Operating temperature range	-40 °C TO 85 °C
Maximum system voltage	1000 VDC
Application class	A
Warranty and Certifications	
Product Warranty	10 years on materials & workmanship
Perfarmance Warranty	25 years linears power out put
	* STC: 1000 W/m² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60904-3

→ 1 ← 34.88 25.40 → 1 ← 665.00 → 1
250.00





The specifications and the key feature may deviate due to on going innovation, research and product enhancement. Enfros reserves the right to make any changes/modifications to the information described herein at any time without, prior notice.

Warranty - Please refer to "Enfros Solar Warranty" document for Terms & Conditions
Certifications - IEC 61215 Ed. 2, IEC 61730, IEC 61701, CE

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