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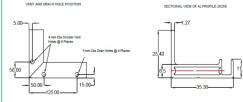
CREATING VALUE, WATT BY WATT

POLYCRYSTALLINE SOLAR PV MODULES | 72 CELLS | 250 WATT

ABB SERIES

Model Type	EFS24250MC72	
Electrical Data: at Standard test condition (ST	۲C)*	-35.30
Maximum power (P _{max})	250 W	VENT HC
Open circuit voltage (V _{oc})	44.64 V	
Short circuit current (I _{sc})	7.27 A	
Voltage at P _{max} (V _{mp})	36 V	
Current at P _{max} (I _{mp})	6.95 A	2 NO'S -6 GROUND
Tolerance at P _{max}	±3% WP	
Thermal Data:		
Temperature coefficient of V_{oc}	-0.36 %/K	8 NO'S OBL HOLE 12.5
Temperature coefficient of I _{sc}	0.06 %/K	
Temperature coefficient of P _{max}	-0.43 %/K	
Normal operating cell temperature	47±2 °C	SIDE VIEW
Mechanical Data:		VENT AND DRAIN HOLE POSITION
Cell type	Multi Crystalline	5.00
Solar cell per module	72	4 mm Dia Circular Vent Hicles @ 8 Places
Module dimensions L x W x T, mm	1660 x 996 x 35	50,00
Mounting hole pitch (Y)	800 & 400mm	
Mounting hole pitch (X)	962mm	
Mounting hole size (A)	12 x 8.5mm oblong holes at 4 places	
Grounding Hole Size (B)	7mm dia circular @ 2 places	
Module weight, Kg	18.75	TÜVRheinland
Module area, m ²	1.653	CERTIFIED
Junction box	IP67 With 3 diode	TSO
Cables & Plug	MC4	9001:2015
Front cover	3.2 Toughened textured low iron glass	
Embedding	EVA (ethylene vinyl acetate)	
Permissible operating conditions:		Notes:
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	

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* STC: 1000 WIm² irradiance, 25°C cell temperature, AM 1.5g spectrum according to EN 60 The specifications and the key feature may deviate due to on going innovation, research and product enhancement. Entros reserves the right to make any changes/modifications to the information described herein at any time without prior notice. Warranty - Please refer to **Entros Solar Warranty**² document for Terms & Conditions Certifications - 1EO 61215 EG. JEC 61730, ICE

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