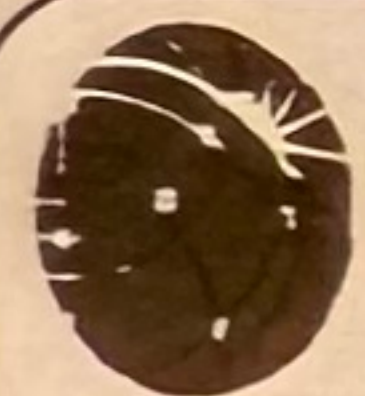




Philadelphia Solar
Delivering Clear Energy Solutions



Product: PS-MNB144(HCBF) - 580W

Sales Dept. +962 6 471 6601 / Fax +962 6 471 6602
www.philadelphia-solar.com

Philadelphia Solar, Al Qasbi Industrial Area 2 / P.O. Box 11314, 143608 Amman, Jordan

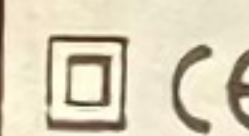
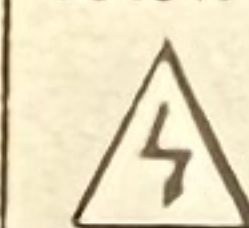
Made in Jordan

	STC	BNPI	BSI	
Maximum Power (P _{max}):	580	643	-	W +3 %
Open-Circuit Voltage (V _{oc}):	51.65	51.65	-	V ±3 %
Short-Circuit Current(I _{sc}):	14.10	15.72	17.70	A ±3 %
Voltage at max. Power (V _{mpp}):	43.64			V
Current at max. power (I _{mpp}):	13.33			A
Max. system voltage :	1500			V
Max. series fuse :	30			A

Protection Class: II
Design load +3600/-1600 Pa
Module efficiency : 22.48 %
Module Dimension(LxWxH) 2277 x 1133 x 35 mm
Module Weight : 29.0 kg Tolerance (kg): ±1
Bifaciality Coefficient: $\phi_{Pmax}=0.8$ $\phi_{Voc}=0.99$ $\phi_{Isc}=0.85$
Module (T₉₈) max°C: 70
Values at STC: AM 1.5, Irradiance 1000 W/m², Cell Temperature 25°C
Values at BNPI: Front 1000 W/m², rear 135 W/m² and at BSI: front 1000 W/m², rear 300 W/m²



Intertek
5028454



Conforms to UL STD.
UL61730-1, UL61730-2, UL61215-1, UL61215-1-1, UL61215-2
Certified to CSA STD. C22.2 #61730-1/-2
Beware of electric shock, this unit produces electricity when exposed to the sunlight. Please handle with caution.
Attention: aux chocs électriques, cet appareil produit de l'électricité lorsqu'il est exposé à la lumière du soleil, veuillez le manipuler avec prudence.
Connector: See manual for designated connectors:
Connector manufacturer Staubli Electrical Connectors Type: PV-KBT4.5I-UR and PV-KST4.5II-UR