

Certificate

Registration No.: PV 60077808

Page 1

Report No.: 21183157.001

License Holder:
Philadelphia Solar Ltd. Co.
Air Fright Road
Al Qastal Industrial Area 2
11814/Amman
Jordan

Manufacturing plant:
Philadelphia Solar Ltd. Co.
Air Fright Road
Al Qastal Industrial Area 2
11814/Amman
Jordan

Product:
PV Module
Type:
with 6" mono cells
PS-M72H-xxx (xxx = 300-320 in steps of 5, 72 cells)
PS-M60H-xxx (xxx = 250-265 in steps of 5, 60 cells)
PS-M54H-xxx (xxx = 205-245 in steps of 5, 54 cells)
PS-M36H-xxx (xxx = 145-150 in steps of 5, 36 cells)
with 6" poly cells
PS-P72-xxx (xxx = 275-285 in steps of 5, 72 cells)
PS-P60-xxx (xxx = 220-240 in steps of 5, 60 cells)
PS-P54-xxx (xxx = 180-220 in steps of 5, 54 cells)
PS-P36-xxx (xxx = 130-140 in steps of 5, 36 cells)
with 5" mono cells
PS-M72S-xxx (xxx = 165-195 in steps of 5, 72 cells)
PS-M36S-xxx (xxx = 80-100 in steps of 5, 36 cells)
xxx represent output power in Wp

Basis:

- IEC 61730-1:2004
IEC 61730-2:2004
EN 61730-1:2007
EN 61730-2:2007
"Photovoltaic (PV) module safety qualification"

- Factory Inspection**
To document the consistent quality of the product factory inspections are performed periodically.



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

Remarks:

- IEC EN 61730 consists of part 1 (Requirements for construction) and part 2 (Requirements for testing).
- The above listed PV modules fulfil the requirements of Application Class A (Safety Class II). They may be used in PV plants at a maximum system voltage (Voc at STC) of up to **1000 VDC**.
- The above listed PV modules fulfil the requirements of **fire rating class C**.
- The details of the factory inspection are documented in report no.: 21183161.001.

Conditions:

The product test is voluntarily according to technical regulations. Any change of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval.

The certificate is valid until 18 July 2017.



Cologne, 19 July 2012

Dipl.-Ing. M. Adrian