IEC TS 62782:2016
Photovoltaic (PV) modules - Cyclic (dynamic) mechanical load testing
Confirmation of Test Results

Ref.: 10018/2020-40217

Applicant: REC Solar Pte Ltd
20, Tuas South Avenue 14, 637312 Singapore

Product: Crystalline Silicon Photovoltaic (PV)-Modules

Type:

A) RECxxxPE
B) RECxxxPE 72
C) RECxxxTP
D) RECxxxPE 72 XV
E) RECxxxTP 72
F) RECxxxTP2S 72
G) RECxx xTP2SM 72
H) RECxxxNP 72
I) RECxxxAA 72
J) RECxxxAA 72 XV

xxx in the type number replaces the power in Watt at STC and can be any number between:

Optional the type can also include at the end any of the following suffixes, or a combination of these:
ECO, BLK, BLK2, IQ, Black
Manufacturer: REC Solar Pte Ltd


Test conditions

- Mechanical load cycles: 1000
- Maximum pressure: ±1000 Pa
- Module Temperature: 25 °C (±2 °C)

Pass criteria

- Power degradation: < 5 %

Summary of test results:

Maximum power degradation:
- Allowed: max. 5 %
- Measured: max. 2.11 %

The measured degradation is below the allowed degradation.

Visual inspection: No major findings

The complete test results and the relevant bill of materials are given in Test Report No.: TRPVM-2018-40288-1, TRPVM-2019-40485-1 and TRPVM-2020-40217-1

VDE Renewables GmbH

Akio Sato Arnd Roth

63755 Alzenau, 2020-06-22