

Bitterfeld-Wolfen, 2016-10-12

Module Mounting Approval for Unirac RM5 and RMDT Mounting Systems

Dear Sir or Madam,

Hanwha Q CELLS approves the mounting of the Q.PRO/Q.PLUS-G4.x and L-G4.x modules with Unirac RM5 and RMDT mounting systems (according to the Installation Guides PUB2016MAY31 and PUB2016JUN08, respectively, at the long sides of the module, clamping position at < 250mm) with the following loads:

MODULE TYPE	MAXIMUM TEST LOAD [Pa]
Q.PRO-G4, Q.PRO BFR-G4, Q.PLUS BFR-G4.1	2000 / 1800 (Push / Pull)
Q.PRO L-G4.1, Q.PRO L-G4.2, Q.PLUS L-G4.1, Q.PLUS L-G4.2	1600 / 1400 (Push / Pull)

For calculation of the maximum allowed static load of the module, the maximum test load has to be divided by an additional safety factor according to local statutory regulations or standards. The maximum allowed static pressure of the mounting and clamping system has to be evaluated by the system supplier.

Module warranties provided by Hanwha Q CELLS shall apply only for listed modules that are installed, operated and maintained in accordance with the relevant product information, in particular the specifications, installation instructions and other product documentations provided by Hanwha Q CELLS. The warranty excludes damages of the solar module backsheet and junction box caused by the mounting sub-construction.

Best regards,

Dr. H.-J. Bäcker,
VP Product Management
Hanwha Q CELLSMr. Maximilian Schurade,
Head of Technical Marketing Support
Hanwha Q CELLS