



C E R T I F I C A T E

Certificate No. 13-PPV-0002608/07-TIC

WE HEREBY CERTIFY THAT THE PHOTOVOLTAIC MODULES WITH THE MODEL

PM60-6RT, MM60-6RT
(Tested Type)

And with Types extended for similarity*
- See Annex -

MANUFACTURER & LICENSE HOLDER

RITEK CORPORATION

No. 17, Kuangfu N. Road., Hsin Chu Industrial Park, Taiwan

IS IN COMPLIANCE WITH THE REQUIREMENTS OF

IEC 61215 : 2005

(Crystalline silicon terrestrial photovoltaic (PV) modules – Design qualification and type approval)

&

IEC 61730-1 : 2004 / IEC 61730-2 : 2004**

(Photovoltaic (PV) module safety qualification)

To be used in plants at a total voltage up to : 1000 Vdc (application Class A)

AS RESULT OF THE TEST IN

ILAC ACCREDITED LABORATORIES N. 1126 & 0761

REPORT No. **TIC-PVT20130018-Q, TIC-PVT20130018-S, TIC-PVT20130018-T**
TIC- FPSRC-PV0522-IEC-F-01

Expiring date 18.11.2018

(Providing that the testing basis continues unchanged)

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type PM60-6RT, MM60-6RT. Further details on certified models are reported on the attachment. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as complete. (**) The Fire Test (IEC 61730-2 / MST 23) with test report no. FPSRC-PV0522-IEC-F-01 was performed by the National Cheng-Kung University Fire Protection and Safety Research Center. Fire class C is assessed. This certificate is for type approval and based on voluntarily product test and with Factory Inspection. The Manufacturer Inspection is conducted by TÜV INTERCERT on the base of the internal procedures.



DAT-ZE-030/09-00



Am Bonner Bogen 2, D-53227 Bonn,



19.11.2013 Dipl.-Ing. F. Sergizzarea
TÜV INTERCERT Certification Body



C E R T I F I C A T E

Annex of

Certificate No. 13-PPV-0002608/07-TIC

THE PHOTOVOLTAIC MODULES WITH THE MODELS

Tested Type	Cell Number	Cell Size	Cell Technology	Power [W]
PM60-6RT	60	156x156/mm	Poly	250W
MM60-6RT	60	156x156/mm	Mono	270W

Types extended for similarity* with Poly and Mono cell technology without need of re-testing (according to IEC EE "Retesting guideline"):

Type	Cell Number	Cell Size	Cell technology	Power [W]
PM60-6RT*	60	156x156	Poly	from 225 to 275 with 5W steps
PM54-6RT*	54	156x156	Poly	from 205 to 245 with 5W steps
PM48-6RT*	48	156x156	Poly	from 180 to 220 with 5W steps
PM42-6RT*	42	156x156	Poly	from 160 to 190 with 5W steps
PM36-6X6-6RT*	36 (6x6)	156x156	Poly	from 135 to 155 with 5W steps
PM36-4X9-6RT*	36 (4x9)	156x156	Poly	from 135 to 155 with 5W steps
MM60-6RT*	60	156x156	Mono	from 240 to 290 with 5W steps
MM54-6RT*	54	156x156	Mono	from 205 to 245 with 5W steps
MM48-6RT*	48	156x156	Mono	from 180 to 215 with 5W steps
MM42-6RT*	42	156x156	Mono	from 155 to 185 with 5W steps
MM36-6X6-6RT*	36 (6x6)	156x156	Mono	from 135 to 165 with 5W steps
MM36-4X9-6RT*	36 (4x9)	156x156	Mono	from 135 to 165 with 5W steps

Notes: (*) The manufacturer declares that these products are constructed using the same materials, components and processes as the tested type PM60-6RT, MM60-6RT. Technical data, materials and components description are into the indicated test reports. Any changes of the design, materials, components or processing may require the repetition of some of the qualification tests in order to retain type approval. The certification is performed on tested model as complete. (**) The Fire Test (IEC 61730-2 / MST 23) with test report no. FPSRC-PV0522-IEC-F-01 was performed by the National Cheng-Kung University Fire Protection and Safety Research Center. Fire class C is assessed. This certificate is for type approval and based on voluntarily product test and with Factory Inspection. The Manufacturer Inspection is conducted by TÜV INTERCERT on the base of the internal procedures.



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