



Product Service

# CERTIFICATE

No. Z2 101645 0001 Rev. 02

**Holder of Certificate:** TommaTech GmbH

Angerlweg 14  
85748 Garching b. München  
GERMANY

**Certification Mark:**



**Product:**

**Crystalline Silicon Terrestrial Photovoltaic (PV) Modules**  
**[Mono-crystalline Silicon Photovoltaic (PV) Module]**

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the testing and certification regulations of TÜV SÜD Group have to be complied. For details see: [www.tuvsud.com/ps-cert](http://www.tuvsud.com/ps-cert)

**Test report no.:** 68180904723E

**Valid until:** 2025-08-20

**Date,** 2020-11-11

( Symbol Zhao )

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## Model(s):

TTxxx-72M (xxx=285-405, in steps of 5)  
 TTxxx-60M (xxx=235-335, in steps of 5)  
 TTxxx-54M (xxx=210-300, in steps of 5)  
 TTxxx-36M (xxx=140-200, in steps of 5)  
 TTxxx-96M (xxx=225-275, in steps of 5)  
 TTxxx-72M (xxx=175-205, in steps of 5)  
 TTxxx-60M (xxx=145-170, in steps of 5)  
 TTxxx-54M (xxx=130-155, in steps of 5)  
 TTxxx-36M (xxx=90-100, in steps of 5)  
 TTxxx-72PM (xxx=380-415, in steps of 5)  
 TTxxx-60PM (xxx=315-345, in steps of 5)

## Parameters:

Rated output power at STC: See below table  
 Application class: Class A  
 Max. system voltage: 1000 V d.c.  
 Fire safety class: Class C  
 Construction: Framed, with Junction box, Cable and Connectors

Model	Rated output power at STC
TTxxx-72M (xxx=285-405, in steps of 5)	285 W, 290 W, 295 W, 300 W, 305 W, 310 W, 315 W, 320 W, 325 W, 330 W, 335 W, 340 W, 345 W, 350 W, 355 W, 360 W, 365 W, 370 W, 375 W, 380 W, 385 W, 390 W, 395 W, 400 W, 405 W
TTxxx-60M (xxx=235-335, in steps of 5)	235 W, 240 W, 245 W, 250 W, 255 W, 260 W, 265 W, 270 W, 275 W, 280 W, 285 W, 290 W, 295 W, 300 W, 305 W, 310 W, 315 W, 320 W, 325 W, 330 W, 335 W
TTxxx-54M (xxx=210-300, in steps of 5)	210 W, 215 W, 220 W, 225 W, 230 W, 235 W, 240 W, 245 W, 250 W, 255 W, 260 W, 265 W, 270 W, 275 W, 280 W, 285 W, 290 W, 295 W, 300 W
TTxxx-36M (xxx=140-200, in steps of 5)	140 W, 145 W, 150 W, 155 W, 160 W, 165 W, 170 W, 175 W, 180 W, 185 W, 190 W, 195 W, 200 W
TTxxx-96M (xxx=225-275, in steps of 5)	225 W, 235 W, 240 W, 245 W, 250 W, 255 W, 260 W, 265 W, 270 W, 275 W
TTxxx-72M (xxx=175-205, in steps of 5)	175 W, 180 W, 185 W, 190 W, 195 W, 200 W, 205 W
TTxxx-60M (xxx=145-170, in steps of 5)	145 W, 150 W, 155 W, 160 W, 165 W, 170 W
TTxxx-54M (xxx=130-155, in steps of 5)	130 W, 135 W, 140 W, 145 W, 150 W, 155 W
TTxxx-36M (xxx=90-100, in steps of 5)	90 W, 95 W, 100 W
TTxxx-72PM (xxx=380-415, in steps of 5)	380 W, 385 W, 390 W, 395 W, 400 W, 405 W, 410 W, 415 W
TTxxx-60PM (xxx=315-345, in steps of 5)	315 W, 320 W, 325 W, 330 W, 335 W, 340 W, 345 W



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**Tested according to:** IEC 61215(ed.2)  
IEC 61730-1(ed.1);am1;am2  
IEC 61730-2(ed.1);am1

**Production Facility(ies):** 073925