

<b>NAME OF MANUFACTURER:</b>	SSWISS GROUP AG
<b>MANUFACTURER ADDRESS:</b>	Baarerstrasse 25, CH-6300 Zug, Switzerland
<b>PRODUCT:</b>	High-Efficiency Photovoltaic Modules (TOPCON Advance Technology)
<b>BRAND:</b>	TM Swiss Solar
<b>DATE OF CE MARKING:</b>	01.01.2026

## MODEL TYPES:

### PHANTOM Series – Monocrystalline Photovoltaic Modules (TOPCON, Double Glass, Bifacial)

- PH48TCA · PHANTOM 425-470 W (power classes in 5 W increments)
- PH54TCA · PHANTOM 470-530 W (power classes in 5 W increments)
- PH60TCA · PHANTOMX 605-660 W (power classes in 5 W increments)
- PH66TCA · PHANTOMX 580-650 W (power classes in 5 W increments)
- PH66TCA · PHANTOM 670-730 W (power classes in 5 W increments)
- PH108TCA · PHANTOM 410-450 W (power classes in 5 W increments)
- PH120TCA · PHANTOM 455-500 W (power classes in 5 W increments)
- PH132TCA · PHANTOM 500-550 W (power classes in 5 W increments)
- PH144TCA · PHANTOM 545-600 W (power classes in 5 W increments)
- PH156TCA · PHANTOM 590-650 W (power classes in 5 W increments)

## PRODUCT DESCRIPTION:

Next-generation photovoltaic modules (2026 production) based on TOPCON Advance cell technology, reinforced frame systems, and double-glass architecture, designed for high efficiency, enhanced durability, and long-term operational reliability.

## APPLICABLE EU DIRECTIVES AND REGULATIONS:

- Directive 2014/30/EU (Electromagnetic Compatibility)
- Directive 2014/35/EU (Low Voltage Directive)
- Regulation (EU) 2023/988 (General Product Safety)
- Directive 2011/65/EU (RoHS Directive, as amended)
- Directive 2012/19/EU (WEEE Directive)

## STANDARDS USED FOR PHOTOVOLTAIC MODULES:

- EN 61000-6-1:2007
- EN 61000-6-3:2007 + A1:2011
- EN 61000-3-2:2014
- EN 61000-3-3:2013
- EN 61730-1:2007 + A1:2012 + A2:2013
- EN 61730-2:2007 + A1:2012

We declare under sole responsibility that the above-mentioned products comply with the applicable European Union directives and regulations and meet the essential requirements for safety, electromagnetic compatibility, and environmental compliance.

## PLACE AND DATE OF ISSUE:

Zug, Switzerland  
01.01.2026

## AUTHORIZED SIGNATORY:

Marcus Altenburg  
Director  
SSWISS GROUP AG

