

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

MODEL TYPES:

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

- PH48TCA – PHANTOM 470–530 W (power classes in 5 W increments)
- PH54TCA – PHANTOM 470–530 W (power classes in 5 W increments)
- PH60TCA – PHANTOM 605–660 W (power classes in 5 W increments)
- PH66TCA – PHANTOM 670–730 W (power classes in 5 W increments)
- PH108TCA – PHANTOM 500–550 W (power classes in 5 W increments)
- PH120TCA – PHANTOM 500–550 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

