

# Overview of Photovoltaic Warranties

Beyond the legal requirements of two years, module and inverter manufacturers voluntarily commit to extended warranties for private customers.

Please have a look at the included detailed conditions and coverage of the respective manufacturer warranties at [www.wagner-solar.com](http://www.wagner-solar.com).

Manufacturer	Product type	Product warranty (for material and workmanship)	Power output guarantee / Comments
AUO	SunForte modules	25 years	2-step linear performance guarantee. 1st to 5th year min. 95 % of minimum power output, 6th to 25th year max. 0.4 % annual decrease of minimum power output, beginning at 95 % in 6th year to 87% in year 25.
	SunVivo modules	15 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 25th year max. 0.7 % annual decrease of minimum power output to 80% in year 25.
	SunPrimo modules	12 years	2-step linear performance guarantee. 1st year min. 97.5 % of minimum power output, 2nd to 25th year max. 0.7% annual decrease of minimum power output to 80.2% in year 25.
CS WISMAR	Glass-foil modules	12 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 26th year max. 0.68% annual decrease of minimum power output to 80 % in year 26.
	Glass-glass modules	20 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 29th year max. 0.35% annual decrease of minimum power output to 87 % in year 30.
LG	LG Sxx/Nxx modules	25 years	2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.5 % annual decrease of minimum power output, beginning at 98 % in 2nd year to 86 % in year 25.
	LG Qxx modules	25 years	2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.4 % annual decrease of minimum power output, beginning at 98 % in 2nd year to 88.4 % in year 25.
PANASONIC	HIT modules	25 years	Linear warranty covered power output guarantee. Max. 0.7 % annual reduction of minimum power output for 25 years, beginning at 97 % in year 1 to 86.2 % in year 25
REC	Peak Energy/TWIN Peak modules	10 years	Linear warranty covered power output guarantee. Max. 0.45 % annual reduction of minimum power output for 25 years, beginning at 97 % in year 1 to 80.2 % in year 25
TRINA	Polycrystalline modules	10 years	2-step linear performance guarantee. 1st year min. 97.5 % of minimum power output, 2nd to 25th year max. 0.7% annual decrease of minimum power output to 80.7 % in year 25.
	Monocrystalline modules	10 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 25th year max. 0.68 % annual decrease of minimum power output to 80.68 % in year 25.
FRONIUS	Grid inverters, data technology	5 years	Optional extension of warranty
KOSTAL	Grid inverters	5 years	Optional extension of warranty
SMA	Grid inverters, data technology	5 years	Optional extension of warranty

Manufacturer	Product type	Product warranty (for material and workmanship)	Power output guarantee / Comments
TIGO	Power optimizer	25 years	
	Data technology	5 years	
SOLAREEDGE	Grid inverter	12 years	
	Power optimizer	25 years	
SOLAR-LOG	Data technology	2 years	
WAGNER SOLAR	TRIC racking systems	10 years	
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