



# 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
<b>SOLAR MODULES</b>			
CS WISMAR	Glass-foil modules	25 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 26th year max. 0.68% annual decrease to 80 % in year 26
	Glass-glass modules	30 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 29th year max. 0.35% annual decrease to 87 % in year 30
EURENER	MEPV modules	15 years	2-step linear performance guarantee. 1st year min. 97 % of minimum power output, 2nd to 30th year max. 0.68 % annual decrease to 77 % in year 30
LG	NxC-V5/NxK-V5	25 years	2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.35 % annual decrease to 89.6 % in year 25
	NxC-E6/NxK-E6		2-step linear performance guarantee. 1st year min. 98,5 % of minimum power output, 2nd to 25th year max. 0.33 % annual decrease to 90.6 % in year 25
	N1T-V5/N2T-J5		2-step linear performance guarantee. 1st year min. 104.4 % of minimum power output, 2nd to 25th year max. 0,35 % annual decrease to 95.4 % in year 25.
	NxT-E6		2-step linear performance guarantee. 1st year min. 105.4 % of minimum power output, 2nd to 25th year max. 0,35 % annual decrease to 96.4 % in year 25
	QxC-A6/QxK-A6		2-step linear performance guarantee. 1st year min. 98.5 % of minimum power output, 2nd to 25th year max. 0.25 % annual decrease to 92.5 % in year 25.
LONGI	LRx	12 years	2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.55 % annual decrease to 84.8 % in year 25.
REC	TwinPeak 4	20 years	2-step linear performance guarantee. 1st year min. 97,5 % of minimum power output, 2nd to 25th year max. 0,7 % annual decrease to 80,7 % in year 25.
	Alpha		2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.25 % annual decrease to 92 % in year 25.
TRINA	Honey M	12 years	2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.55 % annual decrease to 84.4 % in year 25.
	Vertex S	15 years	2-step linear performance guarantee. 1st year min. 98 % of minimum power output, 2nd to 25th year max. 0.55 % annual decrease to 84.4 % in year 25.

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<b>MOUNTING SYSTEMS</b>			
WAGNER SOLAR	TRIC racking systems	10 years	
<b>INVERTER</b>			
AECONVERSION	Inverters, data technology	10 years	
FRONIUS	Inverters, data technology	5 years	Optional extension of warranty
HUAWEI	Inverters	5 years	
	Optimizer	25 years	
	Data technology	2 years	
KOSTAL	Inverters	5 years	
SMA	Inverters	5 years	Optional extension of warranty
	Data technology	2 years	
SOLAREEDGE	Inverter	12 years	
	Power optimizer	25 years	
	Data technology	5 years	
SOLAR-LOG	Data technology	2 years	
TIGO	Power optimizer	25 years	
	Data technology	5 years	
<b>SOLAR POWER STORAGE</b>			
BMZ	ESS 7.0/9.0/X	10 years	Performance warranty: 10 years or 5,000 complete cycles. 100 % of the purchase price in the first two years, 80 % of the purchase price in the 3rd year in 10 % steps up to 10 % in the 10th year.
	Hyperion		80% of the usable energy
BYD	HVS/HVM LVL (up to 50 kWh)/LVS	10 years	80% of the usable energy
HUAWEI	LUNA2000	10 years	80% of the usable energy
LG Energy Solution	RESU	10 years	80% of nominal energy
LG ESS	HOME 5/8/10	10 years	
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