

Microinverter 2 in 1 Unit

Herf 800 is an intelligent microinverter for feeding into your home grid. It is easy to set up and configure and compatible with all solar modules you can find in our store. Ideal applications are solar installations e.g. on balconies, garden houses, garages or areas with shading.

- compact design
- outdoor mounting, directly on the solar module maximum
- Power Point Tracking (MPPT)
- fast start-up function up to 12 seconds
- safe due to quick shutdown function
- ground fault monitoring
- mains monitoring
- fault current monitoring
- protection class IP 67
- Dimensions (H x W x D in mm:) 260 x 197.5 x 35.6
- Weight (kg): 3.9
- Certified according to: VDE-AR-N 4105:2018-11
 DIN VDE V 0124-100 (VDE V 0124-100): 2020-06
 Related to the guidelines: 2014/35/EU und 2014/30 EU
 Complies with the austrian TOR-Guideline



INPUT DATA (DC)

Recommended module power (W)	300-415
Peak power MPPT voltage range (V)	16-48
Start-up voltage (V)	22
Operating voltage range (V)	16-60
Maximum input voltage (V)	60
Maximum input current (A)	2x13,5
Number of MPPTs	2
Number of Inputs per MPPT	2

OUTPUT DATA (AC)

Rated output power (W)	800
Rated output current (A)	3,48
Nominal output voltage/range (V)	230/180-270
Nominal frequency/range (Hz)	50/45-55
Maximum units per branch	7



High CEC efficiency 96,5%



Easy installation



Approved according to the latest standard VDE-AR-N 4105

Date: Feb.2023

Westech Solar module

415 Wp

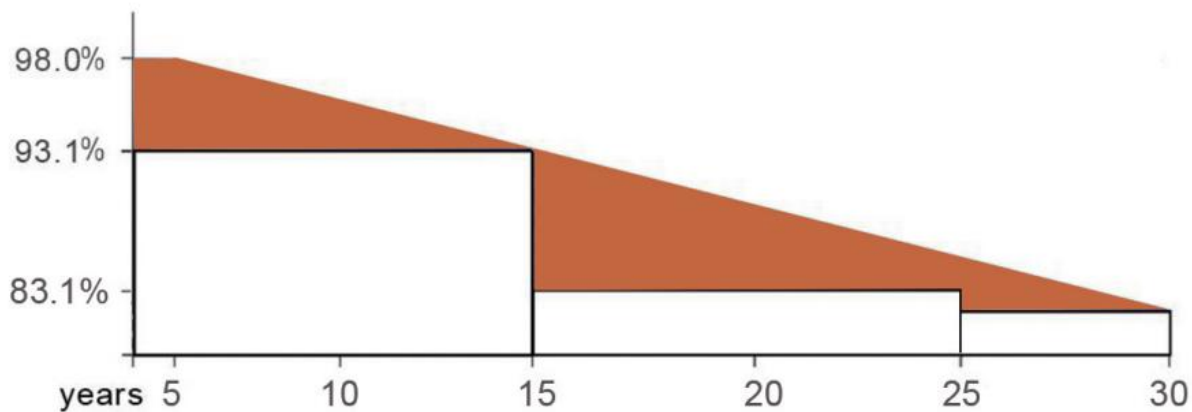
Technical Data

Module	415 Wp / 4109-5
Cells per module	144
Bypass diodes	3
Module size	2018 mm x 1002 mm x 30 mm
Weight	22.6 kg
Power tolerance	± 1.2 %
Nominal Power STC*	415 Wp
Nominal voltage STC*	41.66 V
Nominal current STC*	10.05 A
NOCT**	45 +/-2°C
Voltage Temperature coefficient	-0.30%/°C
Current Temperature coefficient	+0.06%/°C
Power Temperature coefficient	-0.37%/°C
Open circuit Voltage Voc STC	49.83 V
Short circuit current Isc STC	10.45 A
Conversion efficiency STC	20.63%
Operating temperature	-40°C bis +85°C
Max. system voltage	1500VDC
Max. Wind/Snow Load	2400Pa / 5400Pa
Certificates	CE, TÜV, PID, Ammonia, SGS, INMETRO, CQC, ISO 9001, ISO 14001, OHSAS 18001
Product warranty	15 years
Power warranty	till 1 year 98% till 10 years 93.1% linear till 25 years 83.1% linear till 30 years 80.0% linear

*STC: Standard test condition: 25°C, 1000 W/m², AM1.5

**Nominal Operating Cell Temperature





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