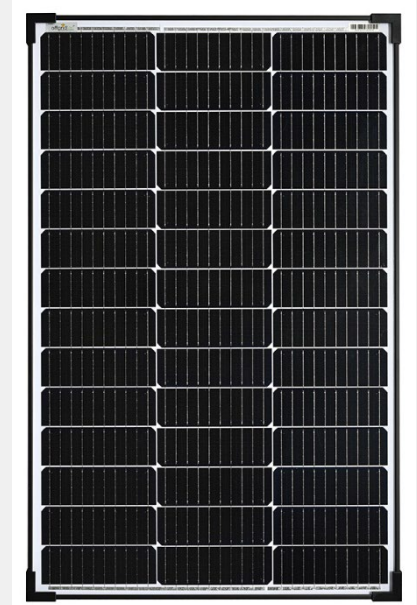


Offgridtec Mono V2 solar module black frame

Characteristics

- ❖ MONO-PERC solar cells
- ❖ manufactured from high quality materials
- ❖ 5% more power compared to common modules
- ❖ very high cell efficiency of 22.3%
- ❖ integrated bypass diodes
- ❖ specially hardened ESG solar glass
- ❖ minimized power loss when shaded
- ❖ ideal for 12V systems (motorhomes, boats etc.), except 200W version only with MPPT solar charger



Specification	Mono V2-100W	Mono V2-130W	Mono V2-150W	Mono V2-200W
Article number	3-01-018385	3-01-018390	3-01-018395	3-01-018400
EAN	4262440561541	4262440561572	4262440561589	4262440561619
Nominal peak power* (WP)	100 W	135 W	155 W	200 W
Nominal voltage (V)	23,9 V	20,5 V	23,9 V	30,8 V
Nominal current (A)	4,19 A	6,59 A	6,49 A	6,50 A
Open circuit voltage (Voc)	28,00 V	24,00 V	28,00 V	36,00 V
Short circuit current (Isc)	4,39 A	6,91 A	6,81 A	6,82 A
Max system voltage	1000 V DC	1000 V DC	1000 V DC	1000 V DC

*Measured under Standard Test Conditions STC (1000 W/m²; spectrum AM 1.5; Cell temperature 25 °C)

Measurements	Mono V2-100W	Mono V2-130W	Mono V2-150W	Mono V2-200W
Cell type	MONO PERC			
Cells per module	3×14	3×12	3×14	3×18
Cells size (mm)	182×60.67 mm	182×91 mm	182×91 mm	182×91 mm
Module size (mm)	925×590×35 mm	1165×590×35 mm	1350×590×35 mm	1720×590×35 mm
Weight (kg)	6.22	7.73	8.9	11.2

Thermal attributes	
NOCT	45 +/-2 °C
Voltage temp. coefficient	-0.36 %/°C
Current temp. coefficient	+0.07 %/°C
Power temp. coefficient:	-0.38 %/°C

Additional specification	
Power tolerance	+/-3 %
Cell Conversion efficiency	22,30 %
Operating temperature:	-40 to +85 °C

Warranty: We guarantee that Power output will be at least 90% after ten years and more than 80% after twenty-five years. We ensure that our panels' life is 25 years or more, and our workmanship warranty is 10 years.



About us
Offgridtec GmbH
Im Gewerbepark 11
84307 Eggenfelden

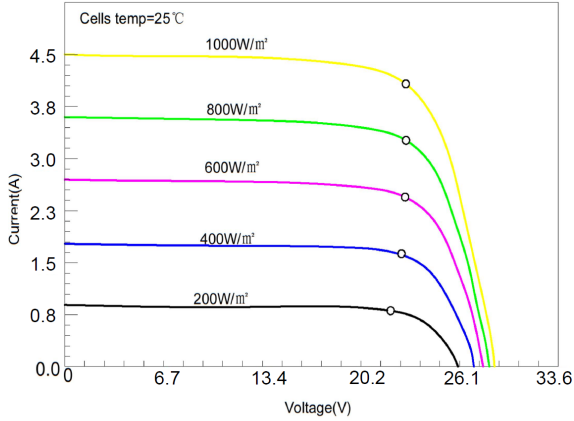
Contact
+49 8721 91994-00
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www.offgridtec.com



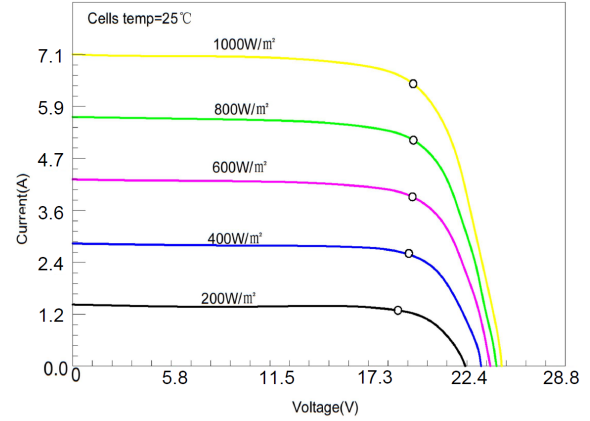
Offgridtec Mono V2 solar module black frame

U-I-Diagram

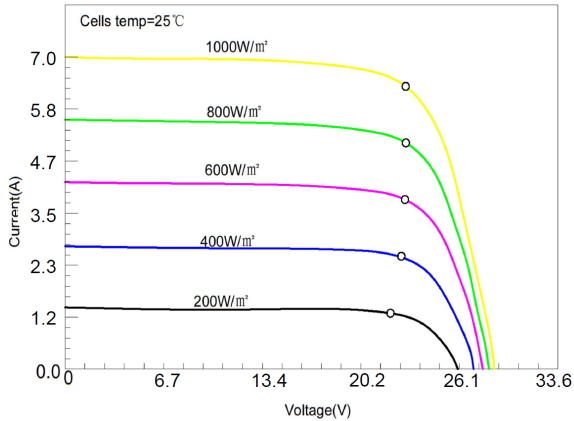
Mono V2-100W – 3-01-018385



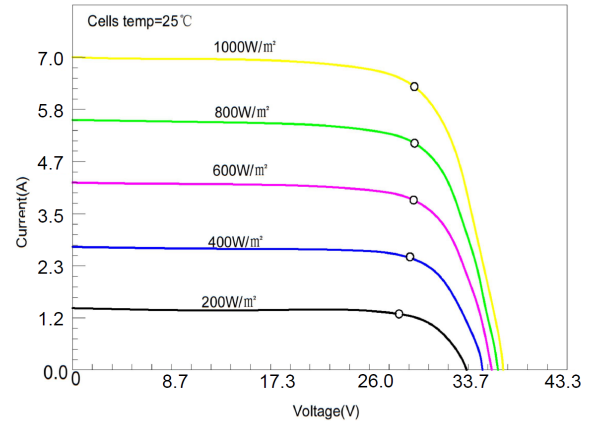
Mono V2-130W – 3-01-018390



Mono V2-150W – 3-01-018395



Mono V2-200W – 3-01-018400



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