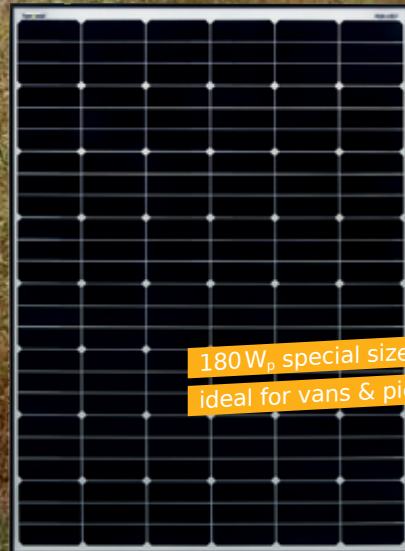
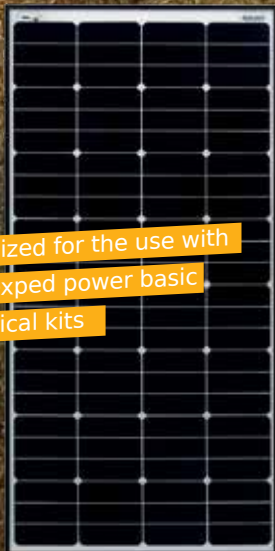


# BLACK TIGER

Framed solar panels with 24,12% cell efficiency, technically optimized and in many special formats for best individual use of roof space.



180 W<sub>p</sub> special size  
ideal for vans & pickups



optimized for the use with  
tigerexped power basic  
electrical kits



special size  
for the use of narrow roof  
e.g. next to skylights



tiger.jetzt

High performance solar modules with **special glass and elegant black anodized frame**. All black tigers are equipped with top of the range Sunpower back-contact cells. Due to technical optimization, they provide **up to 25% higher energy yield** compared to other products on the market.

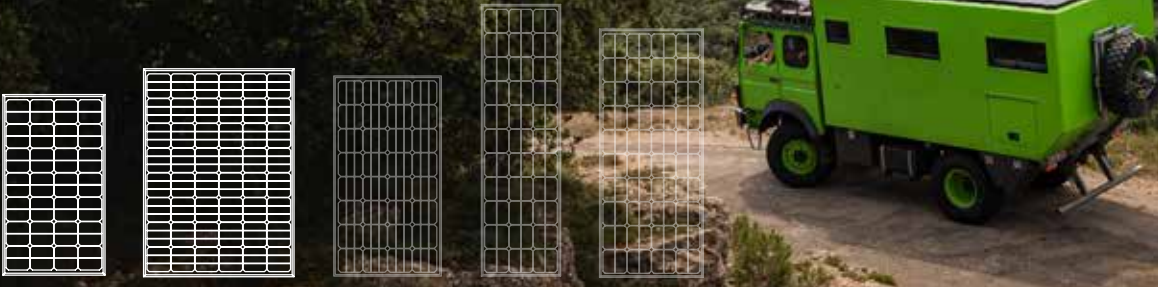
Improvements like less loss of performance at high temperatures, sensitivity for a wider spectrum of light and most failsafe design, make black tiger solar panels the first choice for travel vehicles with a demand for quality. The range includes panels in special formats for various applications with **100, 115, 120, 150 and 180 W<sub>p</sub>** of power. An optimized cell layout with three bypass diodes (on all panels  $\geq 115$  W<sub>p</sub>) delivers **the best possible energy yield even with partial shading**.

► [tiger.jetzt/black](https://tiger.jetzt/black)

**tigerexped**  
solar



▶ tiger.jetzt/dealers



	<b>BLACK TIGER 100</b>	209.95 €	<b>BLACK TIGER 180</b>	389.95 €
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item number	TEX2200	TEX2201
	2 bypass diodes	<b>NEW:</b> 3 instead of 2 bypass diodes
cells per module	4 × 14	6 × 24
power tolerance		±3%
nominal peak power (P <sub>max</sub> )	100W	180W
nominal voltage (V <sub>mpp</sub> )	31.0V	39.6V
nominal current (I <sub>mpp</sub> )	3.23A	4.55A
power temperature coefficient		-0.29%/°C
voltage temperature coefficient		-0.241%/°C
current temperature coefficient		0.052%/°C
open circuit voltage (V <sub>oc</sub> )	37.20V	47.52V
short circuit current (I <sub>sc</sub> )	3.48A	4.91A
cell technology	Sunpower Maxeon Gen.3	
cell efficiency	24.12%	
operating temperature	-40 to +85 °C	
max. system voltage	600VDC	
size	955 × 540 × 35 mm	1100 × 796 × 35 mm
weight	5.9kg	9.5 kg

Technical data at STC (standard test conditions) with 25°C ambient temperature, 1000 W/m<sup>2</sup> solar irradiance and an AM factor of 1.5.

MC4 standard connectors

2 × 0.9 m cable (4 mm<sup>2</sup>)

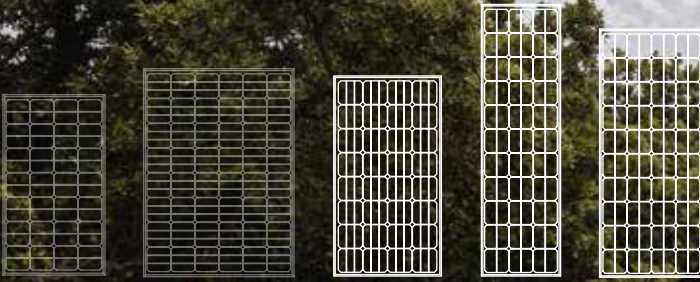
IP65 junction box

black anodized frame





▶ tiger.jetzt/dealers



### BLACK TIGER 115

255.95 €

### BLACK TIGER 120

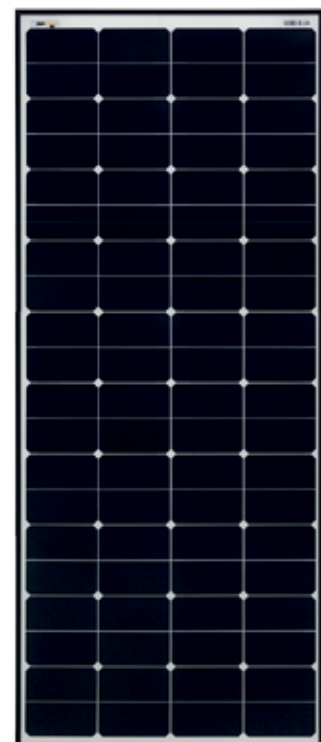
266.95 €

item number	TEX2204	
	<b>NEW: 3 instead of 2 bypass diodes fore morge energy yield</b>	
cells per module	4 × 8	3 × 11
power tolerance	±3%	
nominal peak power ( $P_{max}$ )	115 W	120 W
nominal voltage ( $V_{mpp}$ )	26.4 V	36.0 V
nominal current ( $I_{mpp}$ )	4.36 A	3.33 A
power temperature coefficient	-0.29%/°C	
voltage temperature coefficient	-0.241%/°C	
current temperature coefficient	0.052%/°C	
open circuit voltage ( $V_{oc}$ )	31.68 V	43.20 V
short circuit current ( $I_{sc}$ )	4.70 A	3.60 A
cell technology	Sunpower Maxeon Gen. 3	
cell efficiency	24.12%	
operating temperature	-40 to +85 °C	
max. system voltage	600 VDC	
size	570 × 1060 × 35 mm	420 × 1440 × 35 mm
weight	7 kg	7.6 kg

### BLACK TIGER 150

324.95 €

item number	TEX2203
	<b>NEW: 3 instead of 2 bypass diodes</b>
cells per module	4 × 10
power tolerance	±3%
nominal peak power ( $P_{max}$ )	150 W
nominal voltage ( $V_{mpp}$ )	44.0 V
nominal current ( $I_{mpp}$ )	3.41 A
power temperature coefficient	-0.29%/°C
voltage temperature coefficient	-0.241%/°C
current temperature coefficient	0.052%/°C
open circuit voltage ( $V_{oc}$ )	52.80 V
short circuit current ( $I_{sc}$ )	3.68 A
cell technology	Sunpower Maxeon Gen. 3
cell efficiency	24.12%
operating temperature	-40 to +85 °C
max. system voltage	600 VDC
size	550 × 1315 × 35 mm
weight	8.4 kg



Technical data at STC (standard test conditions) with 25°C ambient temperature, 1000 W/m<sup>2</sup> solar irradiance and an AM factor of 1.5.