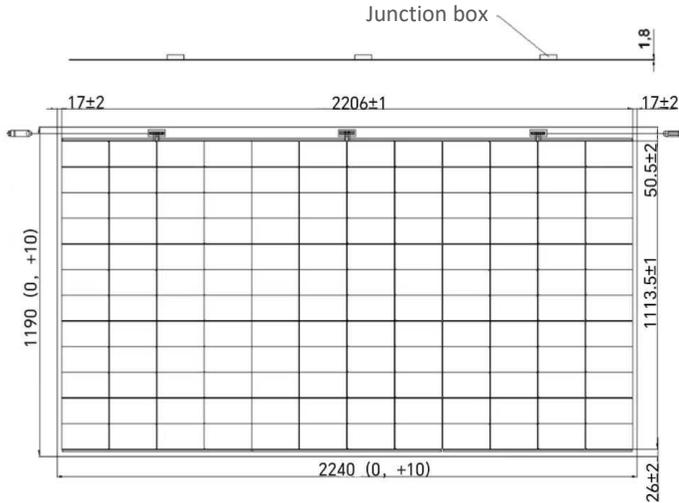


MONO Flex 560W | TOPCON flexible module



Electrical performance parameters (STC *)

Module Type			ZKFN B1 010A-560
Max-Power	P_{MPP}	[W]	560
Power Tolerance		[W]	0~5W
Max-Power Voltage	V_{MPP}	[V]	45.29
Max-Power Current	I_{MPP}	[A]	12.37
Open-Circuit Voltage	V_{oc}	[V]	53.05
Short-Circuit Current	I_{sc}	[A]	12.96
Max. series fuse rating		[A]	25
Max. system voltage	IEC/UL	[V]	1500V DC(IEC)

STC*: Irradiance=1000 W/m², Module temperature=25°C, AM=1.5

Electrical performance parameters (NMOT *)

Module Type			ZKFN B1 010A-560
Max-Power	P_{MPP}	[W]	421.68
Max-Power Voltage	V_{MPP}	[V]	42.44
Max-Power Current	I_{MPP}	[A]	9.95
Open-Circuit Voltage	V_{oc}	[V]	50.40
Short-Circuit Current	I_{sc}	[A]	10.46

NMOT*: Irradiance=800 W/m², Ambient temperature=20°C, Wind speed=1 m/s

560W	22.7%	0~+5W
Max-Power	Max-Efficiency	Power-tolerance

Temperature coefficient

Temperature-coefficient of P_{MPP}	[%/°C]	-0.29
Temperature-coefficient of V_{oc}	[%/°C]	-0.26
Temperature-coefficient of I_{sc}	[%/°C]	+0.045
NOCT	°C	45±2°C

Mechanical parameters

Cell Type	TOPCON 182.2 mm*183.75 mm
Size	2240*1190*1.8 mm
Thickness	1.8mm (junction box not included)
Weight	7.6 kg/module
Connector	MC4 Compatible
Junction-box	Triad Junction box IP68
Backboard color	White

Application parameters

Max. system voltage	DC 1500V
Power Tolerance	0 ~ +5 W
Operating temperature range	-40 °C ~ +85°C
Max. series fuse rating	25 A
Mechanical Load	Front 5400Pa, Back 2400Pa