

SOLIX FS20

DIY Balcony Solar Power System

4er-Pack

225W Photovoltaic

"Extreme efficient & safe."

Specifications

Product Model

PN B5552411

Model Name FS20 Flexible Solar Panel

Electrical Characteristics(STC)

Maximum Power- Pmax(W) 225

Open Circuit Voltage - Voc(V) 42

Short- Circuit Current - Isc(A) 6.51

Voltage at Pmax -Vmp(V) 36

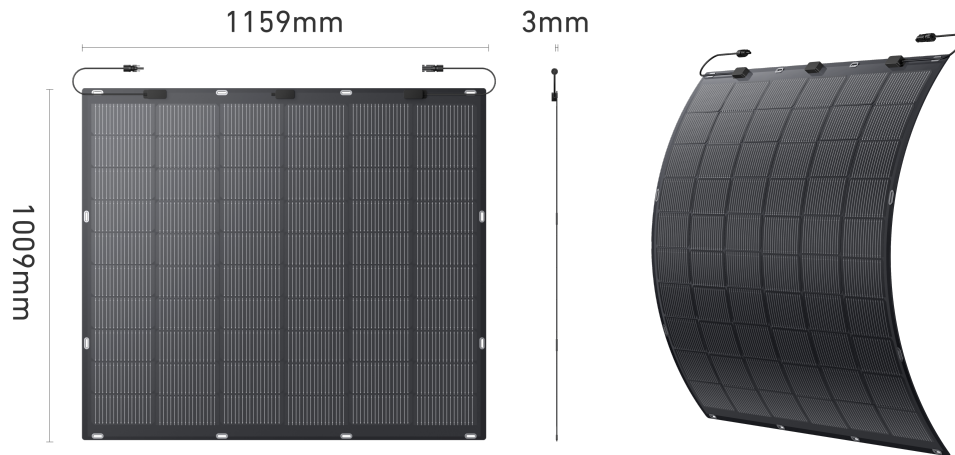
Current at Pmax - Imp(A) 6.25

Efficiency 19.2%

Power Tolerance(W) (0, +5W)

Voltage at Pmax -Vmp(V) 36

Current at Pmax - Imp(A) 6.25



Specifications

Mechanical Specifications

Solar Cells	N-type 16BB 182x182mm (6x10pcs)
Junction Box	IP67
Connector	MC4 Compatible
Product Weight	4.5Kg
Packaging Weight	24.5Kg (4 pack)
Product Dimension	1159x1009x3mm
Packaging Dimension	1218x1097x92mm (4 pack)

Temperature Characteristics

TkVoltage	-0.25%/K
TkCurrent	+0.045%/K
TkPower	-0.3%/K
Operating Temperature	-20~+65°C

Certification & Compliance

Tested by TUV Rheinland	CE LV Directive 2014/35/EU
Tested by TUV Rheinland	IEC 61215, IEC 61730

Specifications

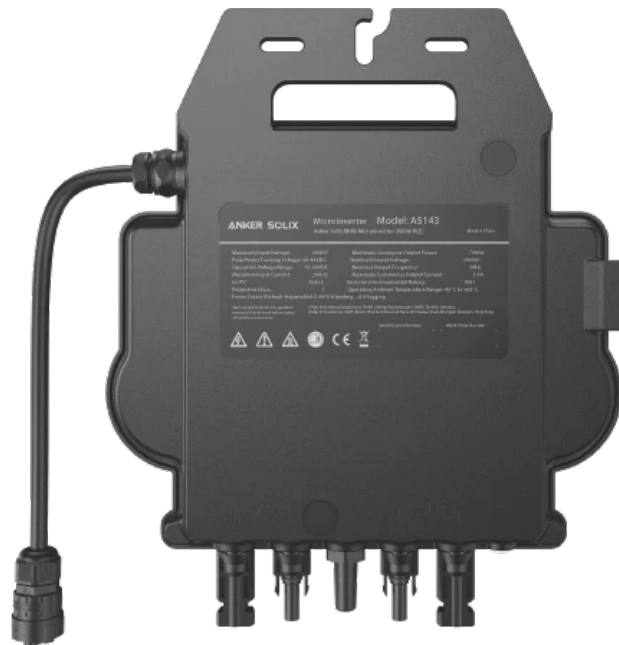
Product Model

PN	A5143
Model Name	Anker SOLIX MI80 Microinverter (800W) OTA upgradable

System Specs

800W micro inverter, limited to 600W

CEC Efficiency	97.3%
Night Time Tire Loss(W)	0.02
Over/Under Voltage Protection	Yes
Over/Under Frequency Protection	Yes
Anti-Islanding Protection	Yes



Specifications

Power Inputs(DC)

Max Recommended PV Power(Wp)	700x 2
Max DC Open Circuit Voltage(Vdc)	60
Max DC Input Current (Adc)	20 x 2
MPPT Tracking Accuracy	>99.5%
MPPT TrackingRange(Vdc)	28-45
Isc PV (absolute maximum) (Adc)	25 x 2
Maximum Inverter Backfeed Current to the Array (Adc)	0

Power Outputs(AC)

Max AC Output Power(Wac)	800
Nominal Power Grid Voltage (Vac)	230
Allowable Power Grid Voltage(Vac)	configurable*
Allowable Power Grid Frequency(Hz)	configurable*
THD	<3%(at rated power)
Power Factor	>0.99(at rated power)
Rated Output Current (Aac)	2.61/3.5
Current (inrush)(Peak and Duration)	24A, 15us
Rated Frequency (Hz)	50

Certification & Compliance

Grid Code Compliance* (Refer to the label for the detailed grid code compliance)

60VE-Richtlinie R 25:2020

VDE-AR-N 4105:2018

DIN VDE V 0124-100 (VDE V 0124-100):2020

Specifications

Schuko Cable

PN	A5602
Quantity	1
Connector	EN100 to Schuko
Length	5m

