

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

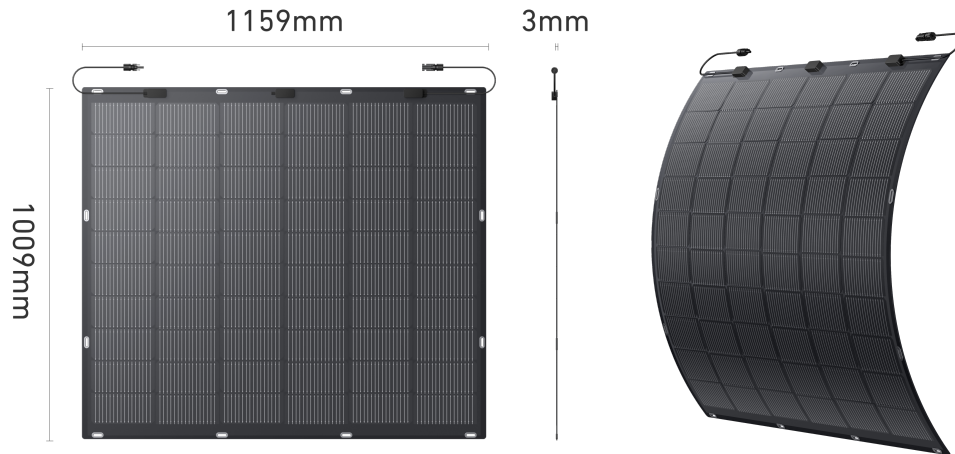
Current at Pmax - Imp(A) 6.25

Cell Efficiency 23%

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

Voltage at Pmax -Vmp(V) 36

Current at Pmax - Imp(A) 6.25



Specifications

Mechanical Specifications

External Dimensions	1159x1009x3mm
Weight	4.5Kg
Solar Cells	N-type 16BB 182x182mm (6x10pcs)
Junction Box	IP67
Connector	MC4 Compatible

Certification & Compliance

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

Temperature Characteristics

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

Specifications

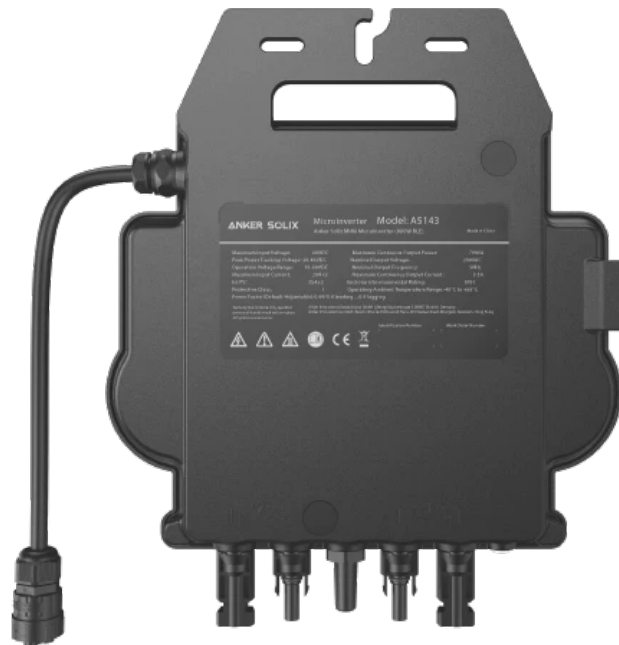
Product Model

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



QC4 Cable

PN	A5600
Quantity	4
Connector	QC4 Female to QC4 Male
Length	1.5m