

SOLAR PANELS

LS-PV F220

Solar panel · 220 W


220 W

PEAK POWER

17.55 %

MODULE EFFICIENCY

2.6 kg

WEIGHT

IP67

PROTECTION CLASS

Parameter	Unit	LS-PV F220
Solar panel		
Peak power (Pmax)	W	220
Open-circuit voltage (Voc)	V	23.6
Short-circuit current (Isc)	A	11.9
Voltage at max. power (Vmp)	V	19.6
Current at max. power (Imp)	A	11.23
Module efficiency	%	17.55
Solar cell type		Monocrystalline silicon
Cell number / layout		MON0182 (6 x 12)
Cell type / dimensions		182 x 83 mono
Cell string connection		Parallel
Number of diodes		2
Maximum series fuse rating	A	20
Max. system voltage	V	600
Power tolerance	%	±3
Temperature coefficient of Pmax (Pmpp)	%/°C	-0.38001
Temperature coefficient of Voc	%/°C	-0.29506
Temperature coefficient of Isc	%/°C	+0.08558
Max. bending angle	°	120
Cable length	m	3
Output cable cross-section	mm ²	2.5
Test conditions (STC)		1000 W/m ² , 25 °C, AM 1.5
General data		
Dimensions (W x H x D)	mm	1150 × 1090 × 2

Parameter	Unit	LS-PV F220
Weight	kg	2.6
2-in-1 carton dimensions (inner)	mm	1170 × 1120 × 30
Quantity per 20GP container	pcs	1300
Ingress protection (IP rating)		IP67
Junction box protection degree		IP67 or higher
Operating temperature range	°C	−40 – 85
Warranty	years	10
Certifications		
Certifications and standards		CE

Specifications are subject to change without notice. Values are typical at 25 °C unless stated.
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