

SOLAR PANELS

LS-SP120

Solar panel · 120 W


120 W

PEAK POWER

18.6 %

MODULE EFFICIENCY

1.95 kg

WEIGHT

IP67

PROTECTION CLASS

Parameter	Unit	LS-SP120
Solar panel		
Peak power (Pmax)	W	120
Open-circuit voltage (Voc)	V	28.56
Short-circuit current (Isc)	A	5.5
Voltage at max. power (Vmp)	V	23.1
Current at max. power (Imp)	A	5.2
Module efficiency	%	18.6
Solar cell type		Monocrystalline silicon
Cell type / dimensions		182 x 70 mono
Number of cells		42 (3 x 14)
Max. system voltage	V	1000
Maximum series fuse rating	A	10
Power tolerance	%	0/+3
Temperature coefficient of Pmax	%/°C	-0.400
Temperature coefficient of Voc	%/°C	-0.330
Temperature coefficient of Isc	%/°C	+0.048
Nominal operating cell temperature (NOCT)	°C	45±2
Connector		MC4
Cable length	m	0.5
Output cable cross-section	mm²	2.5
Max. wind load / snow load	Pa	2400 / 5400
Test conditions (STC)		1000 W/m², AM 1.5G, 25 °C cell temperature

Parameter	Unit	LS-SP120
General data		
Dimensions (W x H x D)	mm	1090 × 592 × 2.5
Weight	kg	1.95
Ingress protection (IP rating)		IP67
Junction box protection degree		IP67
Operating temperature range	°C	−40 – 85
Certifications		
Certifications and standards		CE (LVD, EMC); RoHS; UKCA

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