

BALCONY SOLAR AND STORAGE

LS-H1600

Balcony solar system · 1.6 kW


1.6 kW

RATED POWER

IP65

PROTECTION CLASS

10 years

WARRANTY

Parameter	Unit	LS-H1600
PV input		
Max. PV input power	W	1600
Recommended PV module power	W	800
MPPT voltage range	V	12 – 60
Start-up voltage	V	18
Max. input current per MPPT	A	25
Number of PV inputs		2
AC output		
Rated output power	W	1600
Inverter output voltage	V	18 – 55
Inverter output current (per output, 2 outputs)	A	28
Battery		
Battery type		LiFeP04
Compatible battery capacity	Wh	1024/2048
Max. number of connectable batteries	pcs	6
Max. expandable energy	Wh	6144
Max. charge power	W	1600
Efficiency		
Max. efficiency	%	98
MPPT efficiency	%	99.9

Parameter	Unit	LS-H1600
General data		
Dimensions (W x H x D)	mm	340 × 213 × 67
Weight	kg	3.2
Ingress protection (IP rating)		IP65
Operating temperature range	°C	−20 – 65
Warranty	years	10
Communication		
Communication interfaces		RS485; CAN; Wi-Fi
Monitoring		Smart app control
Certifications		
Certifications and standards		2015/863/EU (RoHS); EN 62509:2011; ETSI EN 301 489-17 V3.2.4 (2020-09); ETSI EN 300 328 V2.2.2 (2019-07); ETSI EN 300 440 V2.2.1 (2018-07)

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