

UrbanSpark

ZJS601 100AH 12.8V Battery

Integrated solar post top lantern with Lithium Ferro Phosphate battery, vertically mounted mono-crystalline solar panel and MPPT charger. Extruded aluminium construction for sturdiness and long life. Choice of street light and post top optics and pole height of 4 & 6 meters. Charger and battery accommodated inside the pole and accessible through service hatch for ease of maintenance. Vertically mounted panels on all four sides to catch sunlight throughout the day. IP-68 battery to prevent damage in case of water logging.

Product data

General Information	
Remarks	Battery pack has BMS inside
CE mark	CE mark

Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery ampere hour	100 Ah
Battery voltage	12.8 V
Battery charging & discharging cycles	2000

Temperature	
Ambient temperature range	0 to +35 °C

Mechanical and Housing	
Overall length	120 mm
Overall width	146 mm
Overall height	470 mm
Dimensions (Height x Width x Depth)	470 x 146 x 120 mm

Approval and Application	
Ingress protection code	IP68 [Dust penetration-protected, pressure watertight]

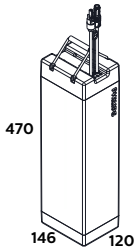
Application Conditions	
Ambient temperature range for charging	0 °C to +45 °C
Ambient temperature range for discharging (when light is on)	-20 °C to +60 °C

Product Data	
Order product name	ZJS601 100AH 12.8V Battery
Full product name	ZJS601 100AH 12.8V Battery
Full product code	000911401800702
Order code	01800702
Material Nr. (12NC)	911401800702
Numerator - Quantity Per Pack	1
Numerator - Packs per outer box	1

UrbanSpark

Dimensional drawing

Dimensions Urban Spark battery



© 2023 Signify Holding All rights reserved. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract, unless otherwise agreed by Signify. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V.