



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.

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Product data

| General Information | |
|--------------------------|-----------------------------|
| CE mark | CE mark |
| Remarks | Battery pack has BMS inside |
| Operating and Electrical | |
| Battery type | Lithium Ferro Phosphate |
| Battery ampere hour | 100 Ah |

| Battery voltage | 12.8 V |
|---------------------------------------|--------|
| Battery charging & discharging cycles | 2000 |
| Mechanical and Housing | |
| Overall length | 120 mm |
| Overall width | 146 mm |

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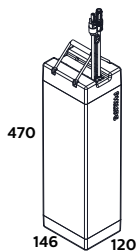
| | |
|--------------------------------------------------------------|---------------------------------------------------------|
| Overall height | 470 mm |
| Approval and Application | |
| Ingress protection code | IP68 [Dust penetration-protected, pressure watertight] |
| Application Conditions | |
| Ambient temperature range | 0 to +35 °C |
| Ambient temperature range for charging | 0 to +45 °C |
| Ambient temperature range for discharging (when light is on) | -20 to +60 °C |

| | |
|---------------------------------|----------------------------|
| Product Data | |
| Full product code | 000911401800702 |
| Order product name | ZJS601 100AH 12.8V Battery |
| Order code | 911401800702 |
| Numerator - Quantity Per Pack | 1 |
| Numerator - Packs per outer box | 1 |
| Material Nr. (12NC) | 911401800702 |
| Net Weight (Piece) | 12.200 kg |



Dimensional drawing

Dimensions Urban Spark battery



Solar Battery Subsys

