



# **UrbanSpark**

### **ZJS601 60AH 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                   | 60 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          |
|                                       |                             |

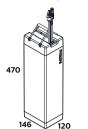
| Approval and Application               |  |
|--|--|
| Ingress protection code                | IP68 [Dust penetration-protected, pressure |
|  | watertight]                                |
|  |  |
| Application Conditions                 |  |
| Ambient temperature range for charging | 0 °C to +45 °C                             |
| Ambient temperature range for          | -20 °C to +60 °C                           |
| discharging (when light is on)         |  |
|  |  |
| Product Data                           |  |
| Order product name                     | ZJS601 60AH 12.8V Battery                  |
| Full product name                      | ZJS601 60AH 12.8V Battery                  |
| Full product code                      | 000911401800602                            |
| Order code                             | 911401800602                               |
| Material Nr. (12NC)                    | 911401800602                               |
| Numerator - Quantity Per Pack          | 1  |
| Numerator - Packs per outer box        | 1  |

Datasheet, 2023, April 15 data subject to change

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#### Dimensional drawing

**Dimensions Urban Spark battery** 





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