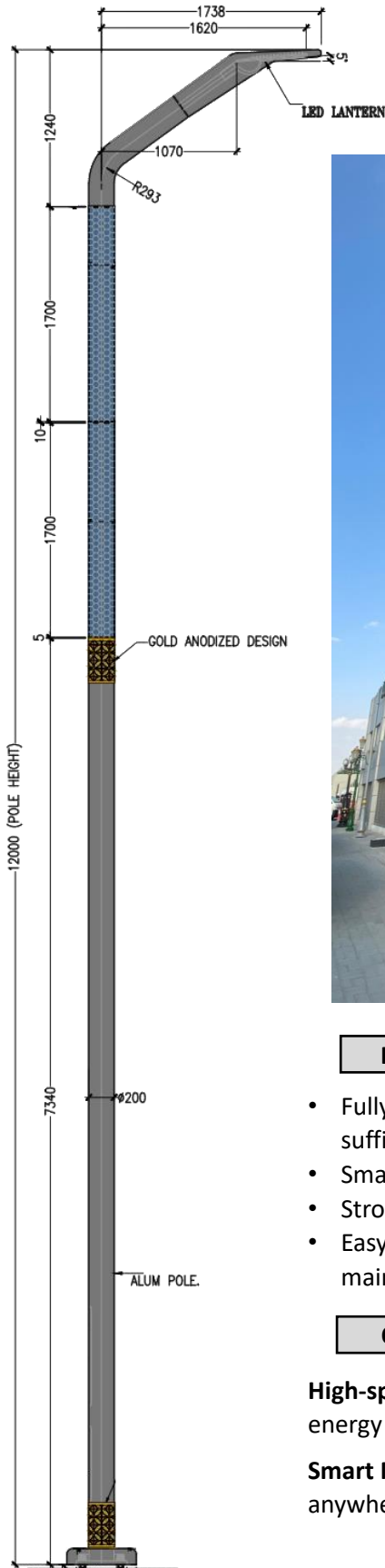


# SOLAR LIGHT POLE

SP AIL 05



## FEATURES

- Fully autonomous and energy self-sufficient
- Smart, reliable and affordable
- Strong construction and closed design
- Easy to install and minimum maintenance

## OPTIONS

**High-spec Street Lighting** – a choice high-performance/military spec energy storage available for severe conditions, locations and applications

**Smart Monitoring** – remote configuration and lighting control from anywhere via a modern web application

## APPLICATION

- Roads and streets
- Industrial sites
- Intersections
- Pedestrian area
- Parking lots

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	Item	Specifications and advantages
1	<b>Pole</b> a) Height b) Diameter c) Material d) Warranty e) Coating	a) 10 -12 mtr b) 200 mm c) Aluminium pole with water jet aluminium anodized decorative elements d) 25 yrs for the structure e) To suit client requirements
2	<b>Energy Storage</b> a) Rating b) Min. and Max temp's. c) Location d) Warranty	a) IP 65 b) -20 <sup>o</sup> - +60 <sup>o</sup> C c) Inbuilt within the pole d) 5 or 10 years; depending on battery type.
3	<b>Photo voltaic flexible panel</b> a) Location b) Orientation c) Maintenance d) Warranty	a) Wraps vertically around the pole b) No need for orientation setting c) Unlike flat panels it does not collect dust d) 5 years workmanship; 10/25 years power output
4	<b>Communication</b>	Using DTU (1-200 solar lights), can communicate through Zigbee/Lora and GSM
5	<b>Sensors</b>	Built – in sensors
6	<b>LED</b> a) Power b) Colour c) Rating d) Municipality Approvals e) Warranty	a) 15W each globe/total of 45W b) Can be customized c) IP 67 d) ADM, RTA & SEWA specifications e) 50,000 hrs
7	<b>Charge Controller (MPPT)</b> a) Rating b) Nominal system voltage c) Working environment temp d) Warranty e) Dimming facility	a) IP 67 b) 12/24V DC Auto. c) -40 °C – 60 °C d) 5 Years e) yes