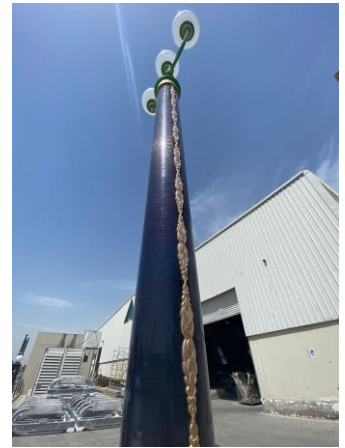
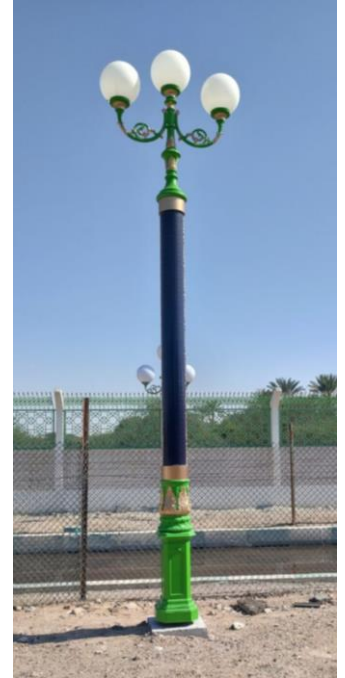
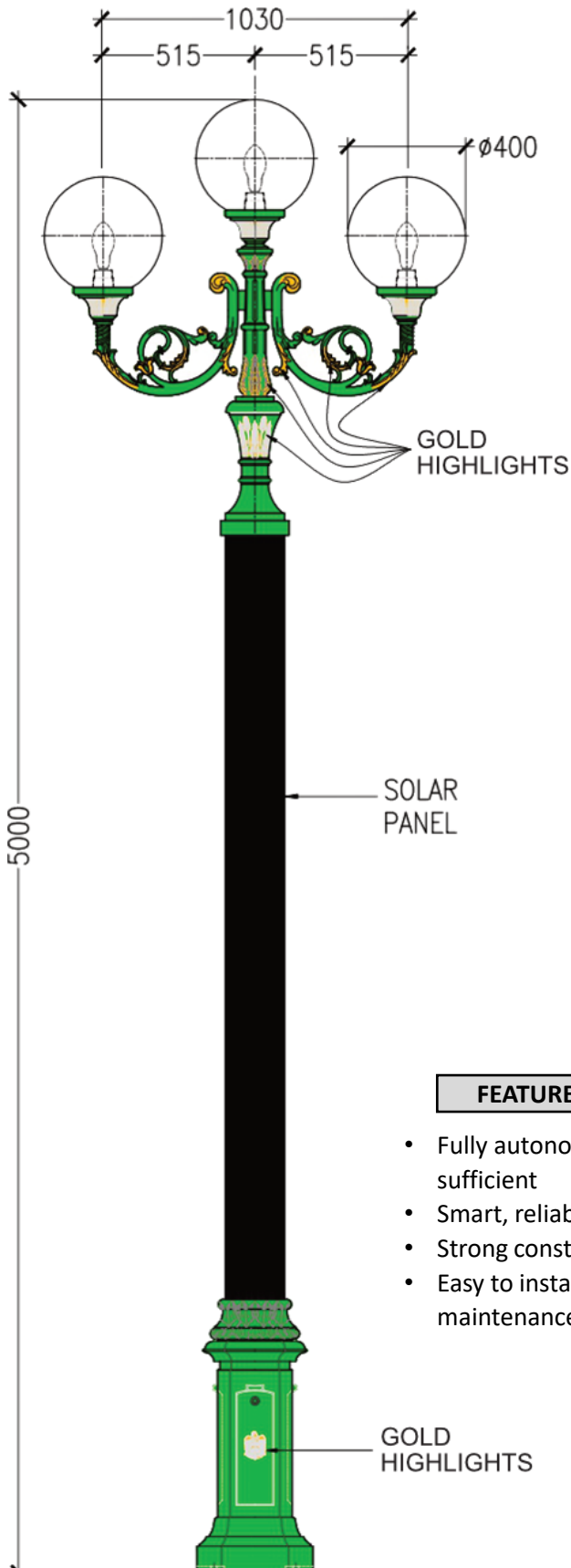


SOLAR LIGHT POLE

SP AIL 04



FEATURES

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

APPLICATION

- Residential Area
- Parks
- Pedestrian area
- Parking lots

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

SOLAR LIGHT POLE

SP AIL 04

	Item	Specifications and advantages
1	Pole a) Height b) Diameter c) Material d) Warranty e) Coating	a) 5 – 7.5 mtr b) 219mm body ; 254mm base c) Cast Aluminium d) 25 yrs for the structure e) To suit client requirements
2	Energy Storage a) Rating b) Min. and Max temp's. c) Location d) Warranty	a) IP 65 b) -20 ^o - +60 ^o C c) Inbuilt within the pole d) 5 or 10 years; depending on battery type.
3	Photo voltaic flexible panel 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	Communication	Using DTU (1-200 solar lights), can communicate through Zigbee/Lora and GSM
5	Sensors	Built – in sensors
6	LED 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	Charge Controller (MPPT) 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