

# The SolisPOLE

The SolisPOLE is a unique and innovative system specifically designed to capture and store solar power.

Adaptable for a number of uses, The SolisPOLE can be used as a power source for various forms of LED lighting including; SmartScape Nano, 600mm Road Signage, Belisha and Globe. Technologically advanced photovoltaic cells are incorporated into the frame of the pole and mounted vertically providing a unique solution for optimum solar capture.

Maintenance free batteries are stored within the pole and are easily accessible for replacement. Zeta's intelligent Energy Management System (the Zeta PS800 Controller) situated inside the pole, optimises energy capture and continually monitors the batteries' condition to ensure year round reliability. Prior to installation the controller can be programmed with lighting on/off times (within certain parameters) to suit requirements.



## Features:

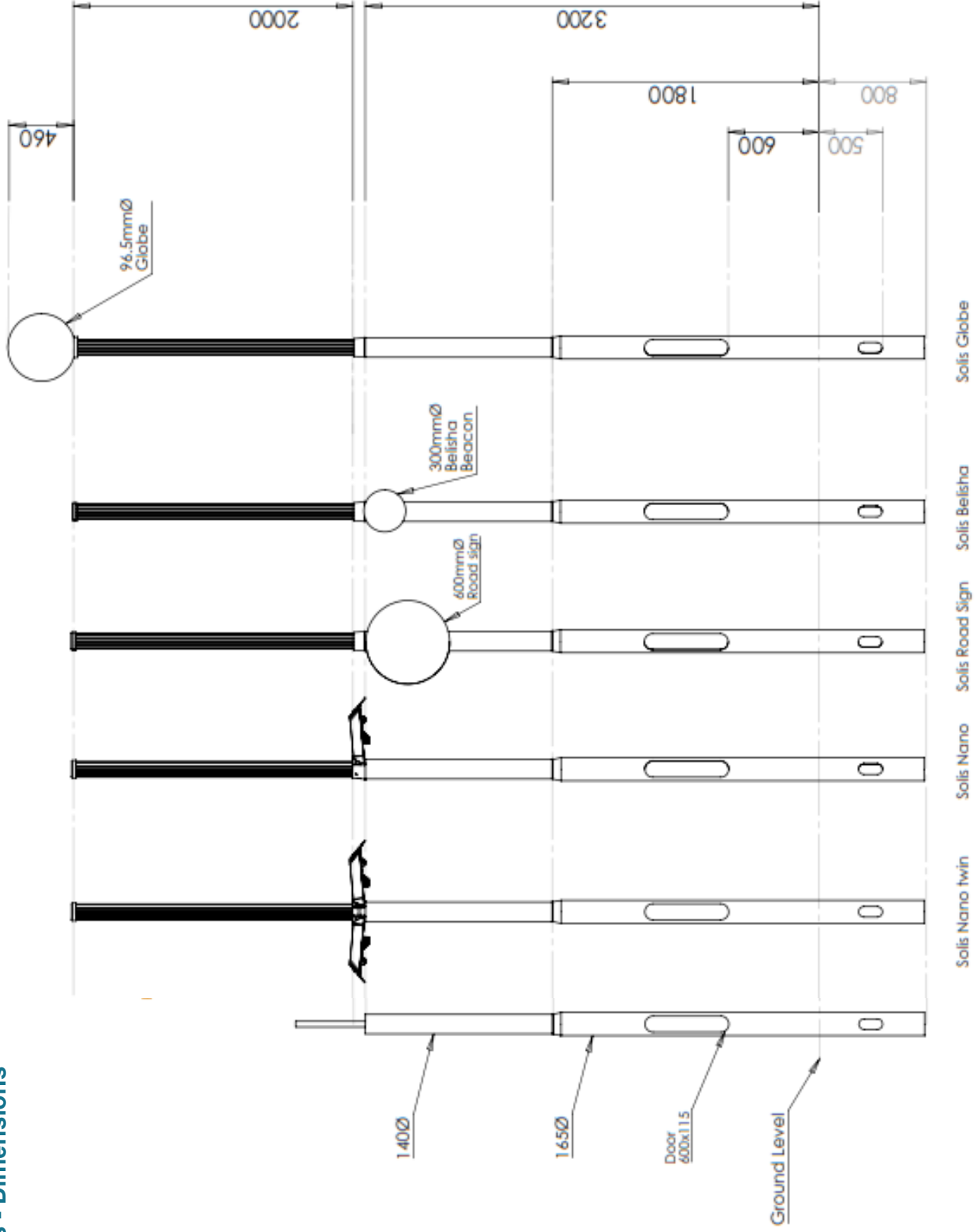
- Optimum solar capture
- Adaptable
- Unique design
- Low maintenance
- Universal mounting
- Energy and cost saving
- Carbon saving
- Passive safe
- PIR capability



## Applications:

- Exterior
- Stand-alone solar power source
- LED power source
- Road sign illumination
- Amenity lighting

## Example LED Options - Dimensions



## Specifications of SolisPOLE

PV Wattage (W)	40W
Warranty	3 Years*
Total Weight (kg)	51.1kg
Bezel Colour	Black or Brushed Aluminium
Driver/ Charger	Zeta PS800 Controller
Battery Pack	x6 7Ahr Absorbed Glass Mat (AGM) Batteries

## Specifications of Example LED Options

Example LED Options**	Solis Nano	Solis Road Sign	Solis Belisha	Solis Globe
Maximum LED Wattage (W)	4W	N/A***	1.5W	1W (flashing)
Warranty	3 Years*			
Additional Weight (kg)	2.93kg	5.3kg	1.5kg	0.8kg
Average Rated Life (Luminaire)	100,000 hrs			
Average Rated Battery Life	7 years			
Ambient Temperature Range (°C)	-20 to +50°C			
Input Voltage (V)	12V DC			

\*Standard warranty period is 3 years, once registered the warranty increases by a further 2 years.

\*\*Bespoke LED options are available upon request.

\*\*\*The Solis Road Sign meets L1 and L2 road signage illumination standards when single sided. If two signs are added the standards are not met with solar power.



PM 45718



For more information visit: [www.zetaled.co.uk](http://www.zetaled.co.uk)

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