



# Solar post top

## Essential SmartBright solar post top

A range of solar all in one post top lantern with unique feature of selectable color temperature

### Benefits

- Resistant to shock and vibration.
- Suitable for wide applications upto 5000 lumen pack
- With selectable color temperature, creates outdoor ambience easily through a remote control
- Sensors ensure light on demand and optimize battery performance
- High efficacy ensures bright light yet with low power consumption leading to higher autonomy

### Features

- Durable polycarbonate based housing.
- Bright functional light output upto 5000 lumen
- Color temperature is selectable.
- Microwave sensor based dimming profile
- High luminous efficacy

### Application

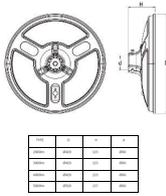
- Landscaped areas
- Garden

### Warnings and Safety

- Install the product in a place with adequate sunlight without shades of trees, building, walls etc. for faster charging of battery

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## Dimensional drawing



Light Technical	
Correlated Color Temperature (Nom)	3000 K
Color rendering index (CRI)	70
Operating and Electrical	
Battery type	Lithium Ferro Phosphate
Battery voltage	3.2 V
Panel type	Poly crystalline
Panel voltage	4.5 V
Temperature	
Ambient temperature range	0 °C to 55 °C
Controls and Dimming	
Dimmable	Yes
Configurability	Not configurable
Approval and Application	
Ingress protection code	IP65
Application Conditions	
Battery location	In built
Grid connection type	Off grid
Solar dimming profile	Pre-configured

## Operating and Electrical

Order Code	Full Product Name	Battery ampere hour	Panel peak wattage
911401863102	BPC010 LED20/MCT Solar post top	10.8 Ah	13 W
911401863202	BPC010 LED30/MCT Solar post top	14.4 Ah	13 W
911401863302	BPC010 LED40/MCT Solar post top	14.4 Ah	15 W
911401863402	BPC010 LED50/MCT Solar post top	21.6 Ah	20 W
911401876402	BPC010 LED20/MCT Solar post top Pro	10.8 Ah	13 W
911401876502	BPC010 LED30/MCT Solar post top Pro	14.4 Ah	13 W
911401876602	BPC010 LED40/MCT Solar post top Pro	14.4 Ah	15 W
911401876702	BPC010 LED50/MCT Solar post top Pro	21.6 Ah	20 W

## Mechanical and Housing

Order Code	Full Product Name	Housing Color	Overall height	Overall length	Overall width
911401863102	BPC010 LED20/MCT Solar post top	Grey	123 mm	420 mm	420 mm
911401863202	BPC010 LED30/MCT Solar post top	Grey	123 mm	420 mm	420 mm
911401863302	BPC010 LED40/MCT Solar post top	Grey	123 mm	420 mm	420 mm
911401863402	BPC010 LED50/MCT Solar post top	Grey	137 mm	520 mm	520 mm

Order Code	Full Product Name	Housing Color	Overall height	Overall length	Overall width
911401876402	BPC010 LED20/MCT Solar post top Pro	Grey	123 mm	420 mm	420 mm
911401876502	BPC010 LED30/MCT Solar post top Pro	Grey	123 mm	420 mm	420 mm
911401876602	BPC010 LED40/MCT Solar post top Pro	Grey	123 mm	420 mm	420 mm
911401876702	BPC010 LED50/MCT Solar post top Pro	Grey	137 mm	520 mm	520 mm

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### Application Conditions

Order Code	Full Product Name	Ambient temperature range for charging	Ambient temperature range for discharging (when light is on)
911401863102	BPC010 LED20/MCT Solar post top	-	-
911401863202	BPC010 LED30/MCT Solar post top	-	-
911401863302	BPC010 LED40/MCT Solar post top	-	-
911401863402	BPC010 LED50/MCT Solar post top	-	-

Order Code	Full Product Name	Ambient temperature range for charging	Ambient temperature range for discharging (when light is on)
911401876402	BPC010 LED20/MCT Solar post top Pro	0 °C to 55 °C	0 °C to 55 °C
911401876502	BPC010 LED30/MCT Solar post top Pro	-	-
911401876602	BPC010 LED40/MCT Solar post top Pro	-	-
911401876702	BPC010 LED50/MCT Solar post top Pro	-	-

