![Philips Lighting logo]

UrbanSpark . all in one solar post-top lantern

UrbanSpark

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 metres. 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.

Benefits
· Brings light to areas without access to electric grid
· Elegant design
· Preserves landscape as no trenching for cabling required
· Saves energy
· Environment friendly

Features
· Replaceable IP-68 Lithium Ferro Phosphate battery for long life and hassle free operations
· MPPT charge controller for maximum efficiency
· Sturdy aluminium alloy construction for sturdiness and long life
· Factory set dimming profile for run time maximisation

UrbanSpark

Application

· Cities
· Office campuses
· Parks
· Residential Societies
· Heritage Roads

Versions

Application conditions	
Ambient temperature range	0 to +35 °C

Application conditions

Order Code	Full Product Name	Ambient temperature range for charging	Ambient temperature range for discharging (when light is on)	Battery location	Solar dimming profile
911401800602	ZJS601 60AH 12.8V Battery	0 °C to +45 °C	–20 °C to +60 °C	–	–
911401800702	ZJS601 100AH 12.8V Battery	0 °C to +45 °C	–20 °C to +60 °C	–	–
911401821402	BRP711 LED60/CW	–	–	Inside UrbanSpark Pole	As per remote controller

Order Code	Full Product Name	Ambient temperature range for charging	Ambient temperature range for discharging (when light is on)	Battery location	Solar dimming profile
	44W 12V DM 6.0M				
911401821502	BGP161 LED2500/NW 12V SD 4M 7043	–	–	Inside UrbanSpark Pole	As per remote controller
911401821602	BGP161 LED2500/NW 12V SD 4M 9006	–	–	Inside UrbanSpark Pole	As per remote controller

Approval and application

Order Code	Full Product Name	Ingress protection code
911401800602	ZJS601 60AH 12.8V Battery	IP68
911401800702	ZJS601 100AH 12.8V Battery	IP68
911401821402	BRP711 LED60/CW 44W 12V DM 6.0M	IP65

Order Code	Full Product Name	Ingress protection code
911401821502	BGP161 LED2500/NW 12V SD 4M 7043	IP65
911401821602	BGP161 LED2500/NW 12V SD 4M 9006	IP65

Operating and electrical

UrbanSpark

Order Code	Full Product Name	Battery ampere hour	Battery charging & discharging cycles	Battery type	Battery voltage	Cable connection kit
911401800602	ZJS601 60AH 12.8V Battery	60 Ah	2000	Lithium Ferro Phosphate	12.8 V	–
911401800702	ZJS601 100AH 12.8V Battery	100 Ah	2000	Lithium Ferro Phosphate	12.8 V	–
911401821402	BRP711 LED60/CW 44W 12V DM 6.0M	–	–	–	–	Included
911401821502	BGP161 LED2500/NW 12V SD 4M 7043	–	–	–	–	Included
911401821602	BGP161 LED2500/NW 12V SD 4M 9006	–	–	–	–	Included

Mechanical and housing

Order Code	Full Product Name	Colour	Overall height	Overall length	Overall width
911401800602	ZJS601 60AH 12.8V Battery	–	470 mm	120 mm	146 mm
911401800702	ZJS601 100AH 12.8V Battery	–	470 mm	120 mm	146 mm
911401821402	BRP711 LED60/CW 44W 12V DM 6.0M	RAL 7043	161 mm	390 mm	595 mm

Order Code	Full Product Name	Colour	Overall height	Overall length	Overall width
911401821502	BGP161 LED2500/NW 12V SD 4M 7043	RAL 7043	265 mm	578 mm	578 mm
911401821602	BGP161 LED2500/NW 12V SD 4M 9006	RAL 9006	265 mm	578 mm	578 mm

Controls and dimming

Order Code	Full Product Name	Dimmable	Configurability
911401800602	ZJS601 60AH 12.8V Battery	–	–
911401800702	ZJS601 100AH 12.8V Battery	–	–
911401821402	BRP711 LED60/CW 44W 12V DM 6.0M	Yes	Configurable

Order Code	Full Product Name	Dimmable	Configurability
911401821502	BGP161 LED2500/NW 12V SD 4M 7043	Yes	Configurable
911401821602	BGP161 LED2500/NW 12V SD 4M 9006	Yes	Configurable

Initial performance (IEC compliant)

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index
911401800602	ZJS601 60AH 12.8V Battery	–	–
911401800702	ZJS601 100AH 12.8V Battery	–	–
911401821402	BRP711 LED60/CW 44W 12V DM 6.0M	5700 K	>70

Order Code	Full Product Name	Init. Corr. Colour Temperature	Init. Colour rendering index
911401821502	BGP161 LED2500/NW 12V SD 4M 7043	4000 K	>70
911401821602	BGP161 LED2500/NW 12V SD 4M 9006	4000 K	>70