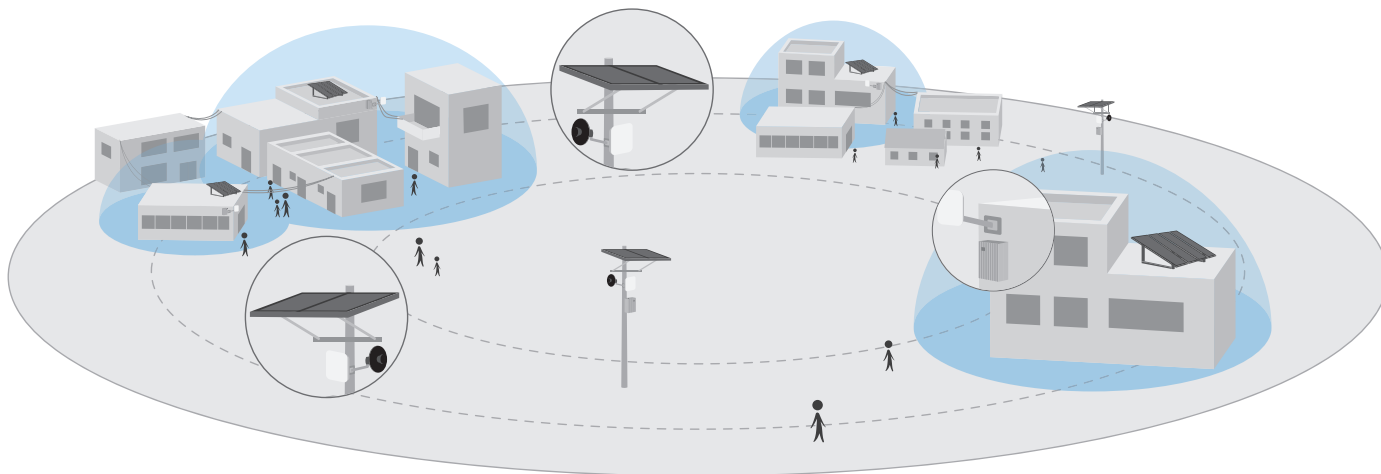


# DATASHEET

## BLUETOWN SOLAR AND ACCESSORIES FOR POWER UNIT LITE

BLUETOWN



**BLUETOWN Solar and accessories for Power Unit Lite** are designed to power remote telecommunication installations with a smaller footprint and energy consumption.

They are particularly recommended to work with the **BLUETOWN Power Unit Lite** (BT- 830-00052) but are compatible with other manufacturer's PV charging systems as well.



VERSATILE

### Versatile

Two options available:  
100W solar kit for the Power Unit Lite 150W. Ideal for powering one networked device such as a Wi-Fi access point or microwave antenna.

200W solar kit for the Power Unit Lite 300W. Ideal for powering two networked devices, such as a Wi-Fi access point and a microwave antenna.



QUICK DEPLOYMENT

### Quick Deployment

The Pole Mount for BLUETOWN Solar 100W/200W has been designed specifically to the dimensions of the BLUETOWN solar panels, with quality, cost and deployment efficiency in mind.

### BLUETOWN Solar 100W/200W includes:

- Solar panel(s)
- 90cm power cables with MC4 connectors
- Complete solar pole mounting frame
- MC4 branch connectors for parallel wiring, if applicable

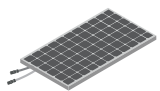
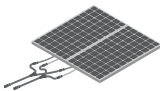
# DATASHEET

## BLUETOWN SOLAR AND ACCESSORIES FOR POWER UNIT LITE



### BLUETOWN SOLAR 100W/200W

Single panel or array of two solar panels rated at 100W and 200W respectively. Contains cable extensions with MC4 connectors compatible with BLUETOWN power cabinets.

BLUETOWN SOLAR 100W/200W Technical specifications		
SOLAR PANELS	PANEL QUANTITY:	<ul style="list-style-type: none"> <li>100W: one panel</li> <li>200W: two panels</li> </ul>
	ELECTRICAL (EACH):	<ul style="list-style-type: none"> <li>Voc: 23.4V</li> <li>Isc: 5.35A</li> <li>Vmp: 20V</li> <li>Imp: 5.05A</li> <li>Pmax: 100W</li> </ul>
	PHYSICAL:	<ul style="list-style-type: none"> <li>36 monocrystalline cells</li> <li>Front: high transmission rate tempered glass</li> <li>IP67 junction box</li> <li>Operating temperature: -40°C to +85°C</li> </ul>
	DIMENSIONS (EACH):	<ul style="list-style-type: none"> <li>Height: 78.0 cm/30.7 in</li> <li>Width: 68.0 cm/26.8 in</li> <li>Depth: 3.0 cm/1.2 in</li> <li>Weight: 6.2kg</li> </ul>
	SOLAR EXTENSION CABLES:	<ul style="list-style-type: none"> <li>Quantity: 2 (one red, one black)</li> <li>Length: 90 cm, from panel junction box</li> <li>Number of cores: 1</li> <li>Conductor size: 4mm<sup>2</sup></li> <li>Connector type: MC4 male/female</li> <li>Double insulation</li> </ul>
ACCESSORIES	EXTRA CONNECTORS:	<ul style="list-style-type: none"> <li>One set of MC4 parallel branch connectors male/female for 200W kit</li> <li>Compatible with BLUETOWN Power Unit Lite</li> </ul>
MOUNTING	MOUNTING POSSIBILITIES:	<ul style="list-style-type: none"> <li>Pole: used together with the Pole mount for BLUETOWN Solar Panel 100W/200W</li> </ul>
BLUETOWN SOLAR PANEL OPTIONS		
	<b>BLUETOWN</b> Solar 100W, 1 panel	BLUETOWN Solar 100W with 1 panel and MC4 connectors <b>Part#: BT-840-00006: With 90 cm solar cables included</b> <b>Part#: BT-840-00007: With 10 meter solar cables included</b>
	<b>BLUETOWN</b> Solar 200W, 2 panels	BLUETOWN Solar 200W with 2 panels, MC4 connectors and 1 Y-cable connectors. <b>Part#: BT-840-00004: With 90 cm solar cables included</b> <b>Part#: BT-840-00005: With 10 meter solar cables included</b>

# DATASHEET

## BLUETOWN SOLAR AND ACCESSORIES

### FOR POWER UNIT LITE



#### POLE MOUNT FOR BLUETOWN SOLAR 100W/200W

The Pole Mount for BLUETOWN Solar 100W/200W is a solar panel mount specifically designed and dimensioned by BLUETOWN for the BLUETOWN Solar 100W and 200W panels to be installed at the top of a supporting pole.

POLE MOUNT FOR BLUETOWN SOLAR 100W/200W		
Technical specifications		
PHYSICAL	PANEL COMPATIBILITY:	<ul style="list-style-type: none"> <li>Works with BLUETOWN Solar 100W, 1 panel, and BLUETOWN Solar 200W, 2 panel variants</li> </ul>
	TILT:	<ul style="list-style-type: none"> <li>Adjustable tilt from 20-45 deg</li> </ul>
	MATERIAL:	<ul style="list-style-type: none"> <li>Anodized aluminium</li> </ul>
	DIMENSIONS (INSTALLED 20DEG):	<ul style="list-style-type: none"> <li>Height (approx.): 102.2 cm/40.2 in</li> <li>Width: 75.6 cm/29.8 in</li> <li>Depth (approx.): 113.7 cm/44.8 in</li> <li>Weight: 4.4kg</li> </ul>
MOUNTING	POLE DIAMETER:	<ul style="list-style-type: none"> <li>50-150mm: 2 x V-bolts included</li> </ul>
IMAGE		

ACCESSORY OPTIONS		
Select <b>any</b> of the accessory options below.		
	<b>ACCESSORY OPTION 1</b> L-Mount for radio devices	L- Mount for mounting radio equipment such as Wi-Fi access points, directional microwave antennas, video cameras, etc. Can be mounted on walls and poles. <b>Part#: BT-540-00188: L-bracket wall mount 33cm</b> <b>Part#: BT-540-00157: L-bracket wall mount 33cm, with screws</b>