



# orcaIOT

High Tech. Not High Cost.

## Data Sheet

# Orca IoT Solar Power Solution

### Install the Orca Cam Anywhere

With the proprietary Orca Solar Solution, you do not have to wait or rely on temporary or dirty power. Our solar solution allows you to set up your cameras anywhere on the job site as long as the solar panel can be oriented in a southward direction. The battery backup for the cameras lasts up to 4 days on a single charge. Orca IoT monitors your solar camera(s) for power and connectivity. add the Orca Solar Solution to your camera for only \$75/month.



### Orca Solar Solution Features:

- Enterprise grade solar solution compatible with all Orca IoT cameras
- Simple one person install
- No custom wiring needed
- Intelligent charging
- Up to 4 day battery backup without the sun
- Monitored for power and connectivity
- Customized to increase panels or battery size to properly service all of North America

## Technical Specifications

# Battery Enclosure

**Enclosure:** IP-65 rated polycarbonate enclosure

**Operating Tolerances:** -20 to 125F / -28 to 51C

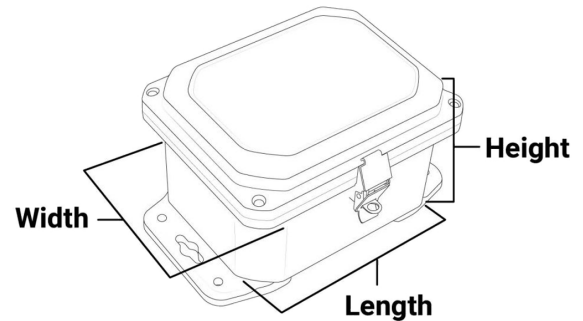
**Weight:** 25 - 37lbs

**Dimensions:** 13in x 7in x 15in (L x W x H)

**Mounting:** Pole mounted with quick release band clamps



<https://platform.orcaiot.com>



# Solar Panel

*Equipped with bypass diodes for optimal performance in low-light*

**Solar Cells:** 166mm 9BB mono solar cells

**Wattage:** 100w

**Max Amperage:** 15amps @ 12VDC

**Snow Load Rating:** 5400Pa

**Wind Speed Rating:** 2400Pa

**Junction Box:** IP65 rated with quick connect MC4 cables (no electrician needed)

**Dimensions:** 42in x 21in x 1.25in (L x W x H)

**Solar Kit Compatibility:** All Orca IoT Cameras

