

# HELIPOD PRODUCT DATASHEET



**The HeliPOD is a remote power solution, providing an autonomous power supply for Windcube Lidars.**

## Standalone Power Supply

The HeliPOD operates independently, enabling off-grid deployment.

## Remote Monitoring

Remote monitoring capabilities provide real-time tracking and alerts for proactive maintenance.

## Folding Solar Panel Array

POD features a folding solar panel array for easy deployment.

## Security

An optional PTZ camera provides security with videos and stills, available daily or on demand.

## Storage

POD also houses batteries, a large water tank, and control equipment.

## Additional Features

- Jack up legs on all four corners of the POD for stability and leveling.
- Lifting hooks and forklift slots for heli-lift and positioning.
- Lidar is deployed within the POD for added security and reduced heat load.
- Lidar is lifted into place with a scissor lift, requiring no manual handling.
- Fully sealed access doors open on two sides for easy access.

(02) 6672 6200  
info@art-group.com.au  
art-group.com.au  
119-125 Quarry Rd Murwillumbah NSW 2484

ART

# HELIPOD PRODUCT DATASHEET

Feature	Description
<b>HeliPOD Specifications (typical)</b>	
System voltage	24V DC
Battery capacity	1230 Ah Gel batteries
Battery autonomy	5-7 days
Battery design life	16 years at 25°C
Installed power array	3 x 435W bifacial solar modules
PV array angle	6 degrees
Solar regulator	Victron MPPT 100/50 with cloud monitoring
Remote monitoring	4G – Satellite optional (BGAN or Starlink)
Weight	960kg dry excluding batteries – 351kg of batteries can be removed and transported separately
Water tank capacity	120L water tank with tank level monitoring and alerts
POD material	Insulated sandwich panel (Panelex)
Transport	Helicopter lift, forklift
Trailer Jack legs	Heavy Duty
Other features included	Fire extinguisher, earth stake

(02) 6672 6200  
info@art-group.com.au  
art-group.com.au  
119-125 Quarry Rd Murwillumbah NSW 2484

ART