



APOD

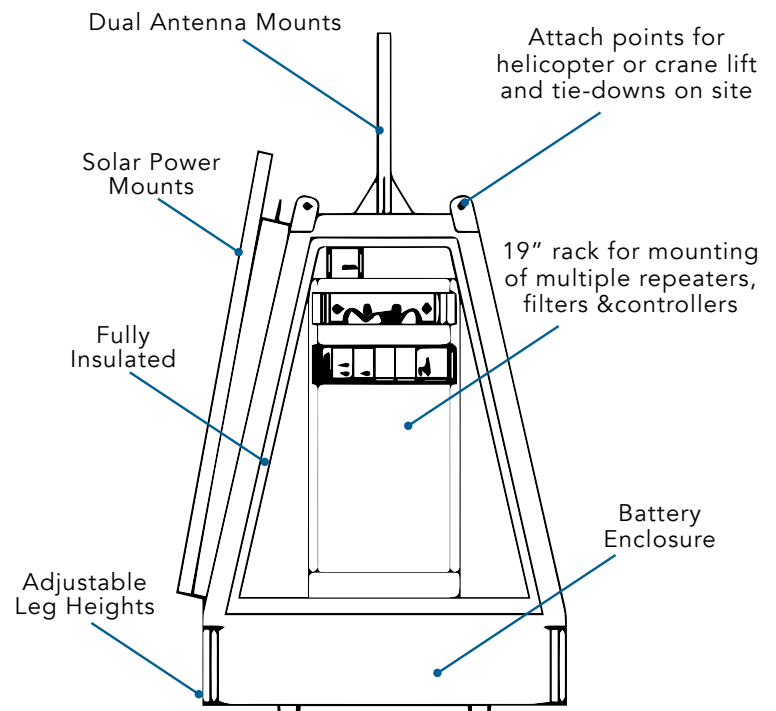
PORTABLE SOLAR REPEATER PACKAGE

INTRODUCTION

Westcan ACS has a long history of providing reliable communications in the harshest of terrains. With the experience gained from years of deployments in this challenging environment, **Westcan ACS** has developed the APOD self-contained solar repeater solution.

This all-inclusive “repeater-site-in-a-box” is extremely easy to deploy on site via helicopter or truck and provides all of the necessary equipment to be up and running in no time, including repeater and optional link radios, solar panels, batteries and mounted antennas.

Perfect for temporary applications on a rental basis, or even for longterm projects where a new purchase is more appropriate, Westcan ACS has you covered.



HIGHLIGHTS

In remote locations, seamless communication over the mountain tops is possible with Westcan ACS's portable repeater systems. Our APOD solar repeater system provides extended range, regardless how remote your location, or rugged your terrain.

- ✓ Multiple repeater and link configurations available
- ✓ Self contained battery bank with solar charge controller
- ✓ Insulated enclosure for high elevations/low temperatures
- ✓ Helicopter/crane lift points for easy deployment



TECHNICAL SPECIFICATIONS

ABOUT THE APOD

The Westcan ACS APOD Solar Repeater Package is built using the industry-leading Codan Radio MT-4E Repeater platform. It is used across hundreds of mountaintops all over Western Canada, making the APOD the perfect drop-in replacement if a site goes down.

The MT-4E Repeater is renowned for its low-current operation and extreme reliability in cold temperatures, making it the ideal solution for the harshest of locations and mountaintops in Western Canada.

Westcan ACS regularly stocks a rental fleet of APOD repeaters that can be quickly mobilized for emergency requirements. Contact your Westcan sales representative to learn more.

SPECIFICATIONS

Repeater Frequency	VHF - 136 -174 MHz
Optional Link(s) Frequency Range	UHF - 406 - 470 MHz
RF Power Output	2-8W typical, Optional 30W
Duplexers / Filters	As Required
Enclosure Construction	Aluminum with Thermal Insulation
Enclosure Footprint	48" X 48"
Enclosure Total Height	84" (Without Antennas)
Solar Array Wattage	Up to 300 Watts
Battery Bank Capacity	Up to 20 X 110Ahr Batteries
Total Weight (Configuration Dependant)	Average - 1200 lbs with 10 batteries