

# Jadoo Power—ODIS

more power,  
more possibilities.™

## Power for Security and Inspection Devices

A new breed of security systems have become a part of our daily lives. The Omnidirectional Inspection System (ODIS) is a Jadoo Power product originally developed for one of our partners.

This primary power unit delivers 80 W of electricity to power this under-vehicle inspection system for use in remote areas where grid power is unreliable or unavailable.

ODIS, a tele-operated unmanned ground vehicle (UGV), or robot, is particularly effective in performing inspections at security checkpoints where permanent or stationary inspection stations are unavailable.

The ODIS Jadoo Power PEM fuel cell system is integrated into the original design form. The fuel cell, which uses one N-Stor hydrogen fuel canister, provides the unit with three times the runtime of the original batteries without power loss.



ODIS (Omnidirectional Inspection System)

## SPECIFICATIONS:

- DC Voltage: 24 V nominal
- DC Power: 80 W continuous net output
- DC Power: 150 W peak net output
- Energy: 130 W hrs. (N-Stor 130)
- Startup Time: <2 seconds
- Weight: integrated system
- Dimensions: integrated system
- Exhaust: water vapor
- Humidity: 5% to 95%

This integrated power unit is capable of delivering 80 W of electrical power for 5 continuous hours. Similar solutions can be customized to your specifications.

## OTHER APPLICATIONS:

- Other unmanned vehicles (UAV, UUV)
- Any application using batteries
- Rural surveillance missions
- Rural off-grid power generation
- Law enforcement power back-up

*At Jadoo Power we can customize any product to meet your needs. Contact our experts at our toll free number 888-523-6648.*