

## Accessory Data Sheet

# Portable Power Supply

### Summary:

The VideoRay Portable Power Supply is the perfect on-demand power supply at the turn of a switch, offering a clean, quiet alternative to gasoline-powered inverter generators that produces over 2500W for running high-power devices. Bluetooth connectivity allows you to sync your Power Supply with an App to monitor your power usage from your phone.

### Features

- Supports multiple battery types
- Master On/Off switch
- Push button inverter remote
- Battery gauge display with Bluetooth connectivity
- External grounding terminal
- External charger provided with certain battery configurations
- Integral wheels and retractable handle
- IP65 water ingress protection (closed or connectors attached)

### Safety Features

- DC short circuit protection
- Over temperature shutdown
- Low voltage shutdown
- 170A DC surge fuse

### General

- Components: Topside Battery Box
- Inverter: 24VDC to 110 VAC; 2500W continuous 5000W surge
- Physical size: Pelican 2975 Storm case: 31.3" X 20.4" X 15.4"
- Weight: 50lbs without batteries, 80-110lbs with
- Operating Temp: 0°C - 45°C
- Owners Manual: Hard copy and online digital
- Tool Kit: Basic tool kit
- Warranty: 2 Year



### Performance Comparison

<i>Battery Pack</i>	<i>Total Capacity</i>	<i>Approximate run time (Dependent on usage)</i>
(12) XX90 batteries in parallel BT-70791CG	118 Ah – 110Ah useable	4.9 - 8.5 hrs
(12) XX90 batteries in parallel BT-70791CK	90 Ah – 84Ah useable	3.8 - 6.5 hrs
(1) 6T lithium battery BT-70939AP	103 Ah – 98Ah useable	3.6 - 6.2 hrs
(12) XX90 batteries in parallel BT-70790B	58.8 Ah – 43Ah useable	1.5 - 3 hrs
(2) M24 AGM batteries in series AC Delco M24AGM	116 Ah – 58Ah useable	1.0 - 1.73 hrs

*Disclaimer: Useable capacity mainly depends on battery chemistry and rate of use. For these calculations 24V and average load of 1Kw are used. Discharge potential: Lithium – 95%, Lead acid – 50%, NiMH – 72%*