



The Solar Power Pack is the ideal easy to use, power source for the DANTE Buoy Controller or any remote power source application. The standard 12V, 14 Ah configuration with four 5 Watt solar panels provides weeks of reserve capacity in typical monitoring applications.

The anodized, powder coated aluminum enclosure holds two parallel lithium-ion batteries and MPPT charge controllers. Batteries have built-in protection for short circuit, over charge and over discharge. The PowerPack can be used with up to four plug-in solar panels (up to 10W each) and can be shipped without restriction.

- **Standard Shipping – No HAZMAT label required**
- **Environmentally Friendly, no Lead or Acid**
- **Half the weight, up to 4 times the life of 12V, 14 Ah lead-acid batteries.**
- **No Explosive Gasses**
- **Short circuit, over charge and over discharge protection**

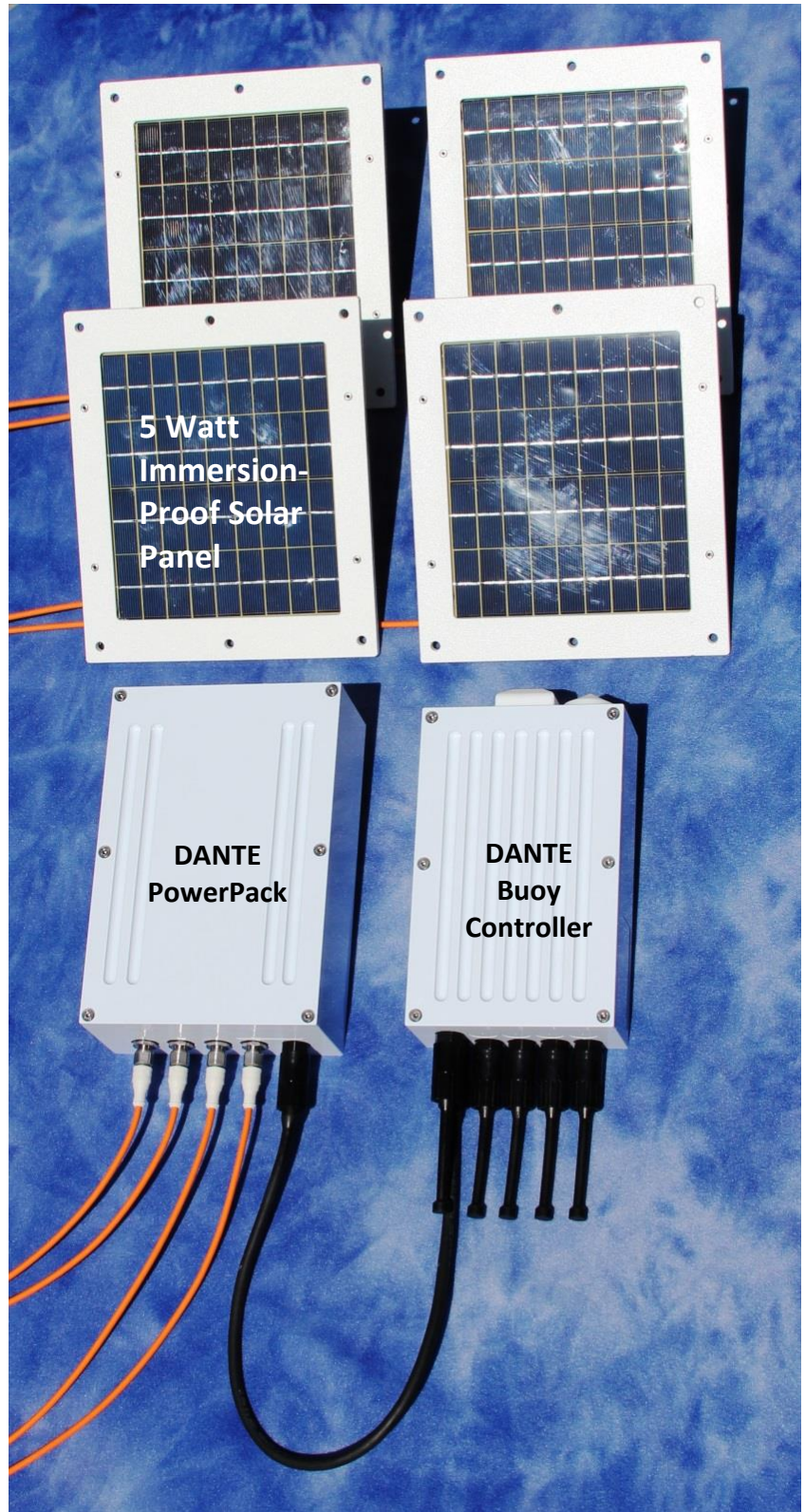
The solar panel's reinforced and laminated composite construction makes them strong, shatterproof and immersion and corrosion proof. The UV resistant panel frame has 6 thru-holes for easy installation. Panels are supplied with IP69k rated M12 connector cables (lengths made to order) that securely connect to the PowerPack.

Specifications

Battery: 12 V, 14 Ah (Li-FePO4)
 Max Current Output (PTC resettable fuse) : 6 Amps
 Discharge Temperature Range -20 to +60°C
 Charge Temperature Range: 0 to +50°C
 Weight (Battery & Enclosure): 5.7 kg (12.5 lbs.)
 (5W Solar Panels): 0.9 kg (2 lbs.)

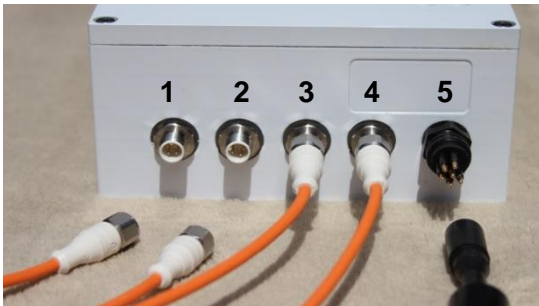
Shipping Notes

UN3481, Lithium-ion batteries contained in equipment. P.I. 967; Section II. Two batteries. or fewer per box, each less than 100 W/hrs.





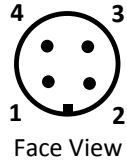
5W Panel Back Side



Connectors

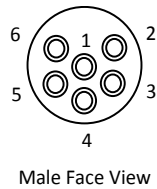
1 - 4 Solar Panel Inputs (M12, IP69k)

- 1 Solar Panel (-)
- 2 NC
- 3 NC
- 4 Solar Panel (+)

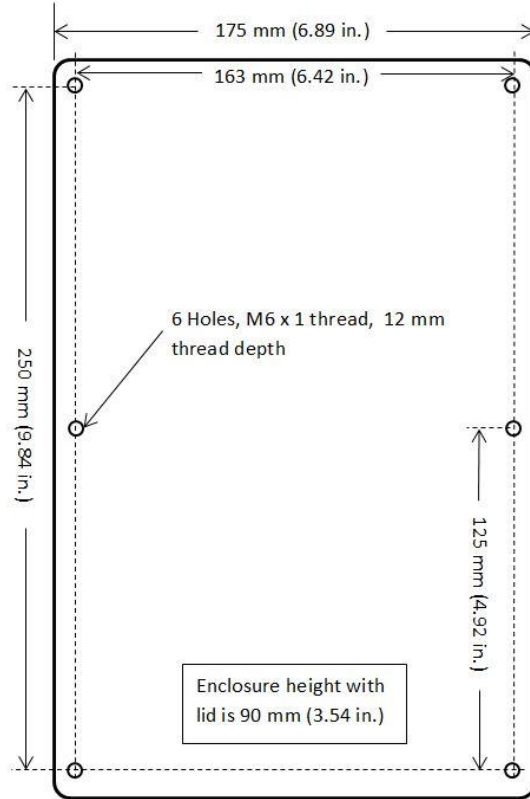


5 Power Out & External Charge Input (MCBH-6M)

- 1 Battery -
- 2 Ext. Charge in -
- 3 Ext. Charge in +
- 4 Solar Panel in -
- 5 Solar Panel in +
- 6 Battery +



Enclosure Dimensions



5 W Solar Panel Dimensions

Front View

