

Instructions for 12V Camera PowerPanel

THANK YOU for your purchase of the 12V Camera PowerPanel. Please read this sheet before using the unit. If you should have any questions about this product or any other Moultrie product, please contact us using the information on the back of this sheet. Please register your Camera PowerPanel at www.moultriefeeders.com/warranty to activate your 1-year warranty.

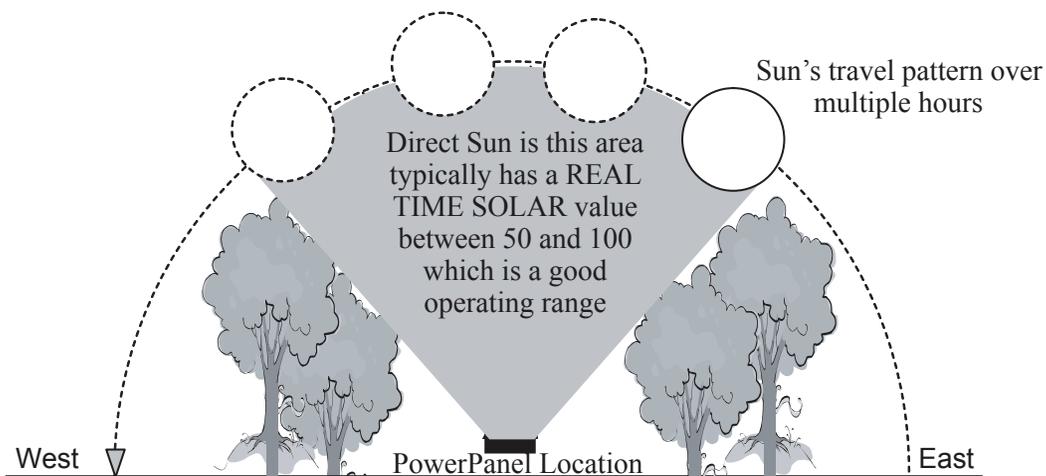
I ABOUT THE POWERPANEL

The 12 volt Camera PowerPanel is a solar-charged power source that can greatly extend the battery life of your Moultrie Digital Game Camera. Unlike a traditional solar panel, the PowerPanel can internally retain a solar charge so that it can continue to provide power through the night or on cloudy days.

The number of days in which your Moultrie Digital Game Camera's battery life is extended is dependent on your camera model and, most importantly, the installation location of the PowerPanel. Exposing the PowerPanel to direct sunlight for the majority of the day will result in the greatest increase in battery life. Batteries should be installed in your Game Camera when using the PowerPanel.

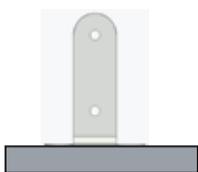
II QUICK START INSTRUCTIONS

- 1 SELECT SUNNY LOCATION FOR MOUNTING** - The more exposure the PowerPanel has to direct sunlight, the longer it will extend your camera's battery life. Select a sunny mounting location in an open field or where there is a very large East to West opening in the tree canopy as shown. The mounting location should be within 10 feet of your camera. Turn the PowerPanel ON to view the REAL TIME SOLAR value. The REAL TIME SOLAR value is the amount of Solar Energy the PowerPanel is receiving - this value ranges from "--" indicating no solar energy is being received to 100 indicating the maximum solar energy is being received.



The REAL TIME SOLAR screen will remain active for 1 minute before automatically switching to the INTERNAL CHARGE screen. To make active again, press the Mode Button until the REAL TIME SOLAR screen is displayed.

- 2 MOUNT POWERPANEL** - The PowerPanel must be mounted and off of the ground. Mount the black metal bracket to a tree, limb, stump or pole using provided lag bolts, U-bolts or a bungee strap. Metal bracket may be removed for easier access and may be mounted vertically or horizontally. Bracket can be rotated and locked to achieve optimal angle as shown.



Horizontal Mounting



Vertical Mounting



Loosen wing-nuts to rotate bracket

- 3 CONNECT CAMERA** - Lift the rubber plug strip that covers the external power port on the bottom or right side of your camera. Plug the PowerPanel cable into the power port on the camera. Use the provided Connector Adapter for older camera models.



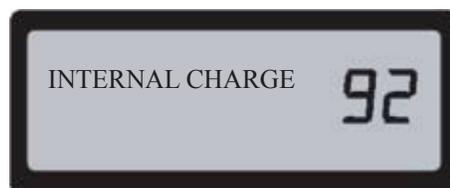
POWERPANEL DISPLAY INFORMATION

The PowerPanel is equipped with a Solar Energy and Internal Charge Meter that provides real-time and historical performance information so that you can adjust the PowerPanel installation to achieve optimal performance and greatest increase in your camera's battery life. All values range from 1 to 100.

REAL TIME SOLAR Mode: This value indicates the amount of real-time solar energy that is being received by the PowerPanel. During setup, this screen can be used to position the solar panel in the optimal position. Anywhere from 4 to 8+ hours of direct sun is required for optimal performance depending on camera model. Direct Sun is a REAL TIME SOLAR value of 50 or greater. The REAL TIME SOLAR screen will remain active for one minute before changing to the INTERNAL CHARGE screen. To make active again after one minute, press the MODE button until the REAL TIME SOLAR screen is displayed.

INTERNAL CHARGE Mode: The PowerPanel internally retains a solar charge so that it can continue to deliver energy to the camera through the night or on cloudy days. If this value drops below 50, the PowerPanel may not be receiving enough solar energy and you should consider selecting a sunnier location.

POWERPANEL RECHARGING: A recharge is recommended if your unit has been in storage or if the INTERNAL CHARGE is below 50. Turn the power on, disconnect PowerPanel from camera and place in the direct sunlight for up to 8 hours or until the INTERNAL CHARGE value is greater than 90.



DAILY SOLAR AVG Mode: The PowerPanel tracks the amount of solar energy it receives each day. The PowerPanel tracks the amount of solar energy it receives each day. The higher this number is, the more optimally placed your PowerPanel is and the better the resulting performance will be. The DAILY SOLAR AVG is cleared and reset when the PowerPanel is turned off.

Note: 2007 and newer camera models will perform optimally at 95 or more.

WEEKLY SOLAR AVG: The WEEKLY SOLAR AVG is the average Solar Energy Level over the past week. The WEEKLY SOLAR AVG is cleared and reset when the PowerPanel is turned off.



STORAGE

The PowerPanel should be turned OFF when storing and/or not in use. When bringing out of storage, check the INTERNAL CHARGE as described above.



Our Service Department will gladly answer any questions you have. Call **800-653-3334**, Monday - Friday, 8:00 AM to 5:00 PM CST.
www.moultriefeeders.com