



JAGER PRO[®] Solar Power Supply (Operations Manual)



SELECT & IMPLEMENT A STRATEGIC BAIT SITE



Caution: Operators must read the Operations Manual or watch the Operations Video located on the JAGER PRO website prior to operating the Solar Power Supply. Properly operating electrical devices prevents short circuit and overvoltage events while prolonging equipment life without voiding their warranties.

Carefully open the box and remove your new JAGER PRO® 25 AH Solar Power Supply from its shipping package, then peel the protective coating from the carbon fiber panel. The package also contains:

- (1) 10' long, 12-volt power cable (for M.I.N.E.® Live Video Camera)
- (1) 3' long, 12-volt power cable (for M.I.N.E.® Photo Camera)
- (1) 3' long, 6-volt power cable (for I.C.E.® Photo Camera)
- (1) 3' long, 12-volt power cable (for trap control box)
- (2) 4' long, 5.5-volt USB charging cable.
- (1) T-Post Mount



Charging Solar Power Supply



Solar panel lithium batteries are not charged prior to shipping. We recommend fully charging the device using the included 5.5V/2A DC plug before deploying device in the field.

Charging Solar Power Supply Continued

Insert DC plug into the lithium battery
IN 5V DC port



Plug USB port into an AC outlet
adapter.



Charging Solar Power Supply Continued

Charging indicator LED will be green until fully charged.



First red LED will flash while batteries are between 0 and 24% charged.

Second red LED will flash while batteries are between 25 and 49% charged.

Third red LED will flash while batteries are between 50 and 74% charged.

Fourth red LED will flash while batteries are between 75 and 99% charged.

Charging indicator will turn red and all four LEDs will be red when all internal lithium batteries are 100% charged. The solar power assembly is now ready to use.

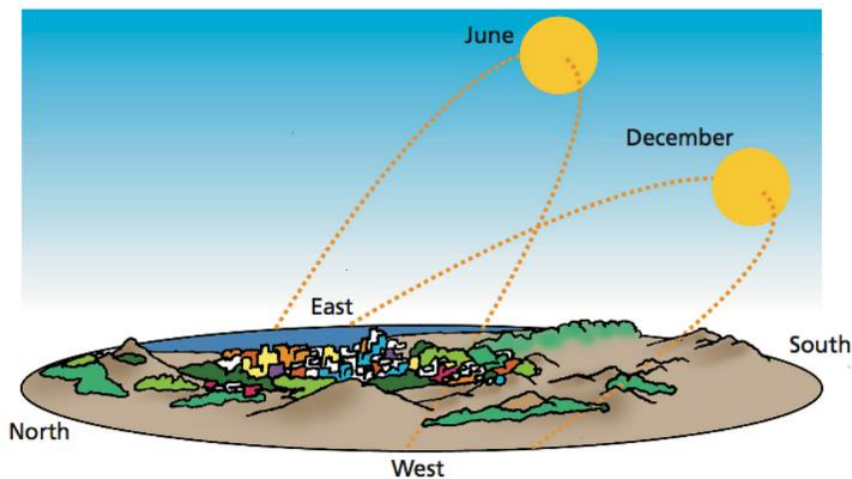
Charging Solar Power Supply Continued

Check charge status in the field by pressing black button beside the battery 5V port. Full charge is indicated with all five LEDs showing red.



Solar Power Supply Positioning

Grade school science class taught us that the sun rises in the east, follows a southern exposure in the United States and sets in the west.

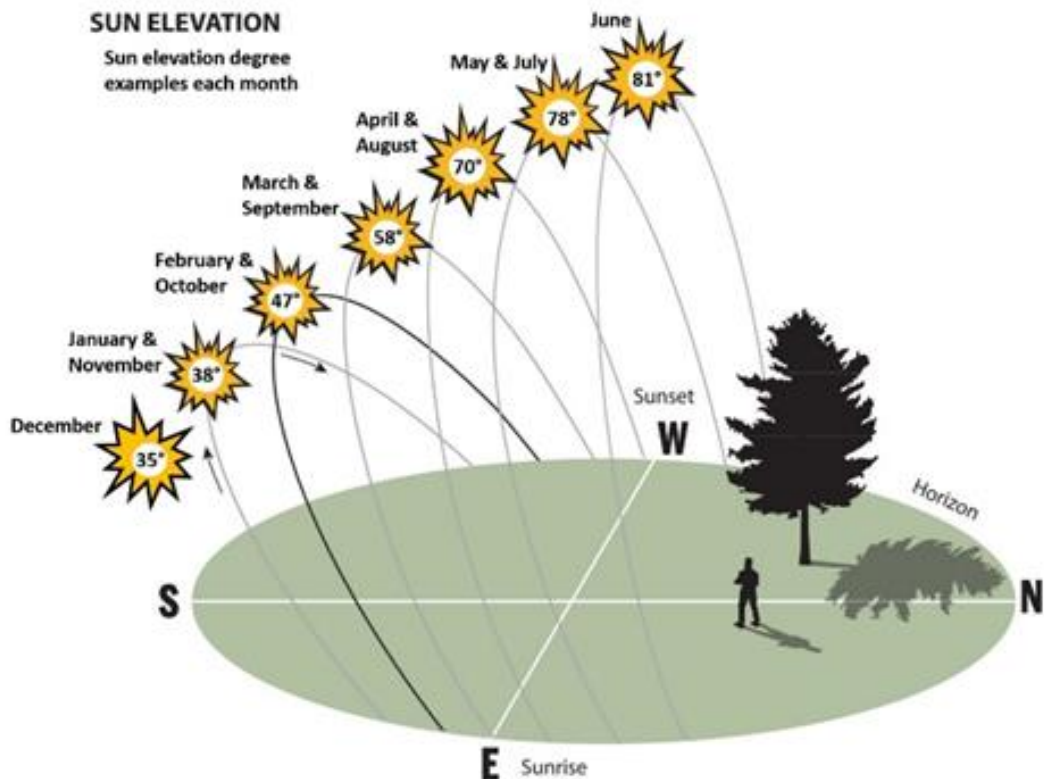


Solar Power Supply Positioning Continued

A North facing camera is the best possible scenario.

Cameras facing south, east or west may produce either overexposed or dark images when filming towards the sun.

The sweet spot for a solar panel is facing south, tilted between 35 degrees in the winter and 85 degrees in the summer. This configuration keeps panels in the sun longer than any other setup. Keep this science in mind at every bait and trap site.



Charging a 6-Volt I.C.E.® Camera

The Hog Control Academy's Best Management Practice for field reconnaissance is to deploy a 6-volt I.C.E.® Camera over a spin-cast feeder with digital timer set to disburse bait at dusk.

Drive a 7-foot-long T-Post with studs facing feeder at least 24-inches into the ground, positioned 20-feet from feeder center.



The T-Post Mount consists of seven individual components; Round Collar, Collar Thumb Screw, 4-inch Mounting Arm, Arm Thumb Screw, Swivel Ball Stud with ¼-20 Threads, Ball Head Adjusting Nut and Ball Compression Screw.



Charging a 6-Volt I.C.E.® Camera Continued

Align mount swivel ball stud using ¼-20 threads into the top solar mounting port. Thread ball stud no more than three complete rotations into solar mounting port. Tighten ball head adjusting nut securely to solar port. Do not over tighten.



Lower round collar over T-post spine and position between two studs at least 12-inches from top with JAGER PRO logo and power ports facing the ground. Tighten collar thumb screw against T-post spine to secure mount with three contact points. Move 4-inch mounting arm south by loosening arm thumb screw. Align solar panel by loosening ball compression screw and tilting to proper angle. Tighten both arm thumb screw and ball compression screw to secure solar direction and angle.



Charging a 6-Volt I.C.E.® Camera Continued

Repeat above steps to mount and align I.C.E.® Camera on T-Post.



Insert one end of the 3' long, 6-volt cable plug into the lithium battery 6-volt port and opposite cable plug into the I.C.E.® Camera DC port.



Charging a 6-Volt I.C.E.® Camera Continued

Turn on camera and receive test photo to ensure feeder appears
in photo center.



Charging a 12-Volt M.I.N.E.® Photo Camera

Best Management Practice for M.I.N.E.® Photo Camera location is 180 degrees from the gate.

Drive a 7-foot-long T-Post with studs facing away from feeder at least 24-inches into the ground.



Positioned 18-inches from trap panel.



Charging a 12-Volt M.I.N.E.[®] Photo Camera Continued

Mount a second 7-foot-long T-Post spine to spine with the first and secure tightly with at least three zip ties.



Align mount swivel ball stud using $\frac{1}{4}$ -20 threads into the top solar mounting port. Thread ball stud no more than three complete rotations into solar mounting port. Tighten ball head adjusting nut securely to solar port. Do not over tighten.



Charging a 12-Volt M.I.N.E.® Photo Camera Continued

Lower round collar over T-post spine and position between two studs at least 12-inches from top with JAGER PRO logo and power ports facing the ground. Tighten collar thumb screw against T-post spine to secure mount with three contact points.

Move 4-inch mounting arm south by loosening arm thumb screw. Align solar panel by loosening ball compression screw and tilting to proper angle. Tighten both arm thumb screw and ball compression screw to secure solar direction and angle.



Repeat above steps to mount and align M.I.N.E.® Photo Camera on T-Post.



Charging a 12-Volt M.I.N.E.® Live Video Camera

Best Management Practice for M.I.N.E.® Live Video Camera location is 90 degrees from the gates.

Drive a 7-foot-long T-Post with studs facing feeder at least 24-inches into the ground, positioned five feet from trap panel.



Measure and mark 12 inches with a permanent marker on both sections of a 12-foot-long extended pole. These marks ensure maximum camera height will be ten feet when finished with one foot below locking tabs in each section for maximum strength.



Charging a 12-Volt M.I.N.E.® Live Video Camera Continued

Loosely secure extended pole with nylon adapter to T-post with at least three zip ties. Ensure extended pole locking tabs are centered between T-post spine and stud base to allow later camera field of view adjustment.



Align mount swivel ball stud using $\frac{1}{4}$ -20 threads into the camera mounting port. Thread ball stud no more than three complete rotations into camera mounting port. Tighten ball head adjusting nut securely to camera port. Do not over tighten.

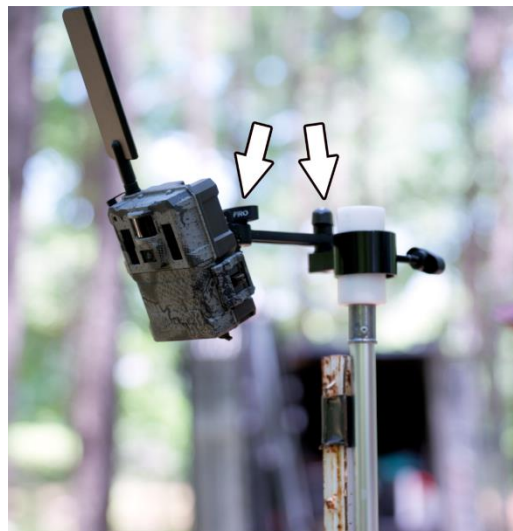


Charging a 12-Volt M.I.N.E.® Live Video Camera Continued

Lower round collar over nylon adapter and position between top two studs with JAGER PRO logo and power ports facing the ground. Tighten collar thumb screw against nylon adapter to secure mount with three contact points.



Move 4-inch mounting arm towards feeder by loosening arm thumb screw. Align camera by loosening ball compression screw and tilting to proper angle. Tighten both arm thumb screw and ball compression screw to secure camera direction and angle.



Charging a 12-Volt M.I.N.E.® Live Video Camera Continued

Insert one end of the 10' long, 12-volt cable plug into the lithium battery 12-volt port and insert opposite cable plug into the camera DC port then secure to extended pole with a zip tie.



Turn on camera and allow time for connection to cellular network. Ensure all three battery icons appear in bottom right; Solar Panel, AA and Lithium.



Charging a 12-Volt M.I.N.E.® Live Video Camera Continued

Arm camera by pressing left arrow twice then pressing OK.



Raise top section of extended pole to the mark, then close locking tab. Raise bottom section of extended pole to the mark, then close locking tab.



Charging a 12-Volt M.I.N.E.® Live Video Camera Continued

Rotate extended pole until feeder and both gates are centered in the camera field of view.



Tighten zip ties, then wrap extended pole and T-post with duct tape to ensure the assembly will not move.



Charging a 12-Volt M.I.N.E.® Trap Control Box

Best Management Practice for M.I.N.E.® Trap Control Box on a SERGEANT double-gate trap enclosure is 90 degrees from the gates.

Drive a 7-foot-long T-Post with studs facing feeder at least 24-inches into the ground.



Positioned 18-inches from trap panel.



Charging a 12-Volt M.I.N.E.® Trap Control Box Continued

Angle control box so T-Post mount slides over studs approximately 12-inches from top. Release control box to allow mount to lock on T-post stud.



Align mount swivel ball stud using $\frac{1}{4}$ -20 threads into the top solar mounting port. Thread ball stud no more than three complete rotations into solar mounting port. Tighten ball head adjusting nut securely to solar port. Do not over tighten.



Charging a 12-Volt M.I.N.E.® Trap Control Box Continued

Lower round collar over T-post spine and position between two studs at least 12-inches from top with JAGER PRO logo and power ports facing the ground. Tighten collar thumb screw against T-post spine to secure mount with three contact points.

Move 4-inch mounting arm south by loosening arm thumb screw. Align solar panel by loosening ball compression screw and tilting to proper angle. Tighten both arm thumb screw and ball compression screw to secure solar direction and angle.



Insert one end of the 3' long, 12-volt cable plug into the lithium battery 12-volt port and opposite cable plug into control box DC Port.



**Charging a 12-Volt M.I.N.E.® Trap
Control Box Continued**

Follow Trap Operations Manual steps to properly install WEIPU connectors to control box and complete M.I.N.E.® Trapping System.



JAGER PRO



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OWNED BUSINESS

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