

GOLDEN EAGLE / TEAL AIR CONTROL

BATTERY & CHARGER INSTRUCTIONS

The Teal Performance Battery Pack is used for both the Golden Eagle UAS and the Teal Air Control (TAC) ground station. Only the Teal Battery Charger can be used to charge a Teal Performance Battery Pack.

Fully charge battery packs before commencing any flight. Battery packs charge from 10% to 80% in 36 minutes and to 100% in 65 minutes. If the battery pack temperature is less than 15°C (59°F), charging times may increase due to preheating operations internal to the pack.

Kit Contents:



1x Teal Battery Charger



1x Charger Power Supply w/Captive DC Power Cable

1x Removable USA NEMA 5-15P to IEC 320 C13 AC Power Cable



2x Teal Performance Battery Pack

The Charger Power Supply may be operated from AC voltages ranging from 100-240 VAC. The removable AC cord can be replaced with an appropriate cord for that particular global region.

NOTE: Battery packs arrive in “shipping mode” at only a 30% charge and must be charged before use. It is necessary to tap the power button once before connecting the battery pack to a charger. The battery pack will then exit shipping mode as soon as it is placed on a charger.

Getting Started:



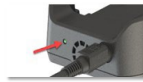
1 - To view the state of charge on the LEDs, tap the power button once.



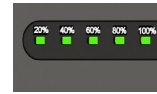
2 - Insert the DC power cable into the charger.



3 - Insert the battery pack onto the charger, fully engaging the side latches with the charger.



4 - Plug the power supply AC cord into an AC outlet. The green LED is illuminated when power is applied.



5 - The battery pack is at 100% charge when all 5 LEDs are lit.



6 - Pull back the two side latch release buttons and pull the battery pack vertically off the charger.

CAUTION!



Always power down the Golden Eagle UAS and the TAC ground station before removing and replacing their battery packs.



It is recommended to only charge between the ambient temperatures of 0°C to 35°C (32°F to 95°F). Do not operate charger in direct sunlight.



Remove the battery pack from the charger once it is fully charged to prevent unnecessary prolonged heating.



Unplug the charger power supply when not in use to prevent unnecessary heating and wear on electrical components.



Charge battery packs at least once every three months to prevent over-discharge and possible permanent damage.



Properly dispose of depleted or damaged battery packs in accordance with applicable federal, state, and local regulations.

WARNING!



If improperly stored, lithium-ion batteries such as the Teal Performance Battery Pack may become unstable, overheat, damage cells, and potentially catch on fire.



Store battery packs between -20°C to 45°C (-4°F to 113°F). Do not keep battery packs in hot vehicles. Do not store battery packs at high temperatures.



Store battery packs in an isolated area, away from flammable and combustible materials. If possible, store in metal storage cabinets.



Never stack heavy objects on top of boxes containing battery packs to prevent crushing or puncturing the cell case, leading to possible short circuits or fire.

NOTICE:

A battery pack that is not connected to a Golden Eagle UAS or TAC ground station will immediately shut itself off after an attempt to power it on. This is normal behavior.

Electronic Version:

