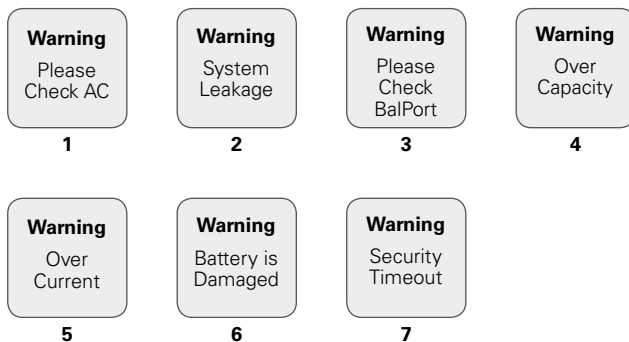


USB PORT

The USB Port on the front left of the DY5 is a 5V/2.0 amp port, ideal for charging the Yuneec Ground Station Control, and may be used to charge other USB devices.

WARNING AND ERROR MESSAGES

In the event of an error menu display:



1. Disconnect/reconnect DY5 from wall socket and/or AC port on side of DY5 charger.
2. Remove battery from Battery cradle. Inspect battery for damage.
3. Remove and re-insert battery in the battery cradle.
4. Remove battery from battery cradle. Ensure battery is not overheated. Check battery for damage.
5. Remove battery from battery cradle. Ensure battery is not overheated. Check battery for damage.
6. Remove battery from battery cradle. Ensure battery is not overheated. Properly dispose of battery.
7. Disconnect DY5 from power, allow time to cool, reconnect to power.

* Product specifications and information in this manual are for reference only; content subject to change without additional notice.

DY5 INTEGRATED BATTERY CHARGER



DY5 INSTRUCTION MANUAL V1.0

INTRODUCTION

This manual contains information regarding setup and safe use of the DY5 battery charger. The DY5 is a balancing battery charger for the YUNEEC product.



SPECIFICATIONS

- AC Input Voltage: 100-240V AC
- Output Voltage: 17.4
- Charge Current: 6.0A x2
- Charge Power: 70W x2
- Storage Current: 3.0 x 2
- Battery Type: Specialized Battery
- Battery Cell Count: 4 cell
- Balance Current: 400mA/cell
- Display: TFT Screen
- USB Output: SV/2.0A
- Charge Output: Dual Independent Output
- Dimensions: 178 x 177 x 65mm
- Weight: 790g

FEATURES

- Dual 6Amp Fast-Charge Circuit for rapid charging.
- Dual TFT color screen which displays charge time, cell voltage, real-time battery capacity and capacity percentage.
- Storage function for discharging batteries to 3.85 volts. This feature is used for long-term battery storage.
- AC current input 100-240V for global compatibility. No adapter is required.
- Protection against short circuit, overcurrent, and over temperature failure.

SAFETY NOTES

Improper use of the DY5 Charging Station may result in damage to power supply, cause electrical shock, or fire.

Additionally:

- Do not use the power supply near water ie; bathtub, sink, wet surface, swimming pool, or other moist or wet area.
- Do not place the DY5 on an unstable surface when powered on. Batteries may be top heavy and affect the stability of the DY5 Charging Station, causing a fall.
- Keep vent areas clear of obstruction and free of dust.
- Do not overload power sockets or extension cord. Doing so may generate excess heat and cause fire.
- Do not disassemble the DY5 Charging Station. There are no user-serviceable parts.
- Never push any object into the Battery Cradle. Doing so may result in electrical shock, fire, or injury to persons.
- The power supply should be a standard AC outlet that provides 100-240V, 50/60Hz electricity.
- Disconnect DY5 from wall socket during long periods of disuse.
- Always unplug DY5 prior to cleaning sockets or clearing dust from heat vent/heat port. Never spray liquids into the cradle or heat port; use a cloth to clean any component of the DY5.

- If at any time the DY5 does not appear to be functioning as normal, unplug and contact the seller of this product.
- Prior to connecting the DY5 to a power outlet, please ensure that there are no batteries in the charging slot, that the charging slots, and that the area surrounding the DY5 is dry.

OPERATING THE DY5 CHARGING STATION

1. Ensure the DY5 is free of obstructions.
2. Plug the AC power cable into the lower left connector port on the DY5 charger.
3. Plug the AC power cable into a power socket.
4. The charger is now powered on. There is no on/off power switch on the DY5 charging station; power consumption is minimal when not charging. Unplug the DY5 charging station during long periods of disuse.

MENUS

Using the Menu Buttons on the front of the charger, cycle through the menu settings.

There are two indicator windows.

The first indicator window displays current battery charge information (the four cell indicators will display as blank when no battery is present).

Once a battery is inserted to the battery port, the indicator will display battery information. In the upper left corner, the display indicates "Idle." Additional information displays voltage per battery cell, battery charge percentage, battery capacity, and time remaining to full charge.

Press/select the menu button and the menu will change to "CHG," indicating that the battery is charging. The cooling fan may engage when CHG is activated.

Press and hold the Menu Button for more than two (2) seconds to put the DY5 into storage mode. Press the Menu button again to exit storage mode and return to Standby/Idle mode.

Depleting batteries for storage is not a fast process; exercise patience when preparing batteries for long-term storage.

