

## Battery Grip Li-ion 2900 mAh – 3043356

Along with the H5D camera we have introduced a new and more powerful battery grip. This new type of battery (which replaces the previous type - 3043348) has 50% extra capacity compared to the older type.

A new charger was also introduced (3053572) together with the new battery. The charge socket on the new battery, though located differently, is exactly the same as on the previous type. This means that you can use the new or old charger for both types of batteries. However, using the older charger with the new battery will result in a 50% longer charging time. The new charger used with the old battery will produce a shorter charging time.

The protective cover for the new battery has been modified and as a result, the old type will not fit the new battery. The new type will fit the old battery.

The new battery also features a new and more durable surface providing a better grip. In addition it is a few millimetres longer so that when the camera is used without the bottom protective cover, it will rest on both the battery and the tripod shoe resulting in greater stability.

If the new battery grip is used on older camera models (H2D, H3D, H3D-II, H4D and H4X), a new firmware is required to facilitate proper battery monitoring levels. This new firmware - version 2.3.0 - can be downloaded from our website.

### Compatibility

Charger	1850 mAh 3043348 (old)	2900 mAh 3043356 (new)
3053564 (old)	Normal charge time (5 - 6 h)	Longer charge time (8 - 9 h)
3053572 (new)	Faster charge time (2 - 3 h)	Normal charge time (3 - 4 h)

Charge times are approximate



Battery grip Li-ion 2900 (3043356)



Protective cover Battery grip (3053354)



Battery Charger Li-ion 2900 (3053572)

## Li-ion battery handling guidelines

### GENERAL

In order to obtain maximum performance from the rechargeable Li-ion batteries, a few things about handling and care are important to know. The following describes the most important issues.



1. Avoid frequent full discharges (e.g. by leaving the camera with the “Replace battery” warning on the grip LCD for a long time). As Li-ion batteries have no memory effect, frequent recharges are no problem. i.e. recharging a battery that is not fully discharged will not cause problems.
2. The battery should be charged in an ambient temperature of 10° to 45°C (50° to 113°F)
3. The initial charge should be 12 hours in duration.
4. If the camera is left unused for some time, the battery should be removed since the idle current requirement in the camera will drain the battery.
5. The battery has a “fuel gauge” function that keeps track of the charge level in the battery. As with most Li-ion batteries this function should be calibrated a few times a year depending on how much it is used. Leave the camera on or use it until the grip LCD shows “Replace battery” warning. Then apply a 12 hour charge. This will improve the accuracy of the fuel gauge function which is used in the camera to indicate battery status and to set warning levels.
6. If the battery is not used for a long time it is best to store it in room temperature and charged to approximately 30 to 40% of the maximum capacity. To reach this level, charge the battery full and then use it until the camera status screen indicates 30 to 40%