



Est. 1991

**HW**  
Hawk-Woods

Specification Sheet

**BP-98X** | 98Wh BPU Style Battery

Model:	BP-98X
Description:	14.4V Lithium-Ion On-Board battery
Nominal Voltage:	14.4V
Operation Voltage Range:	11v ~ 16.8v
Capacity:	6806mAh
Max Load:	10A
Dimensions (W x H x D):	103 x 41 x 70 mm
Weight:	472g
Cell Technology:	Lithium-Ion
Cell Brand:	LG INR18650 MJ1
Cells in Pack:	8
Cell Configuration:	4 Series / 2 Parallel
Power Display:	4 step LED Fuel gauge
Operation Temperature:	-20°C to +60°C
IP rating:	N/A
Price:	£235 MSRP
Flight Safe:	Yes
Battery Management:	BMS
Battery Diagnosis via USB-C & Pocket Reader:	✓

USB-C Output:

Voltage:	Full PD
Current:	Up to 2.2A
Power:	45W

USB-A Output:

Voltage:	5v
Current:	Up to 2.4A
Power:	12W

Key Features:

- 45W USB-C Power Delivery:** The BP-98X includes a powerful **45W USB-C port**, ideal for charging devices like laptops, tablets, or smartphones quickly. It also supports charging the battery itself through this port, adding extra convenience.
- USB-A Output:** In addition to USB-C, the BP-98X is equipped with a **12W USB-A port (5V, up to 2.4A)**, perfect for powering smaller devices such as smartphones, tablets, or portable lights. This ensures you're ready for multiple charging needs on set.
- 2x D-Tap Outputs:** Equipped with two D-Tap ports, this battery can power various accessories simultaneously, offering **unregulated 11-16.8V** output—features usually found in larger V-mount or G-mount batteries.
- Clear Power Monitoring:** The BP-98X comes with a clear **four-LED power gauge** and a straightforward button interface, making it easy to check your battery levels at a glance.
- Long-lasting Performance:** With **98Wh capacity and 6600mAh**, this battery is built for extended use, reducing the need for frequent recharges and supporting longer filming sessions with ease.
- Seamless Integration:** Designed for easy compatibility with Hawk-Woods chargers & most industry standard chargers. The BP-98X effortlessly fits into your existing gear setup, ensuring hassle-free power management.

This specification sheet has been checked & is accurate at time of checking.

Date: 17/10/2024 - Revision 1

## Who is this aimed at?

- **Blackmagic Pyxis owners;**  
thanks to this battery's high draw current of 10A this battery can effortlessly keep up with the demand from the pyxis camera.
- **Further Compatibility;**  
Because of the battery's operating voltage being between 11-19.5v, this can safely and effectively run any cameras that sit within that range and utilise the BP-U style fitting.

### Blackmagic Cameras:

Pyxis

### Sony Cameras:

FS5, FS7, FX6, FX9, Z280, Z190

## Key Features (continued):

- ⑦ **Fast-Charging Capability:** The BP-98X supports full 45W USB-C Power Delivery for charging and discharging. This allows users to **fast-charge the battery** significantly reducing downtime between shoots.
- ⑧ **On-Board Memory:** The battery's built-in microprocessor stores key information such as Name, Voltage, Temperature, Current, Chemistry Type and Charge Cycles providing valuable insights for maintenance and longevity tracking.
- ⑨ **Total Battery Protection System:** The BP-98X is equipped with a comprehensive Total Battery Protection system, over discharge, over-current and over voltage protection. It also includes short-circuit and thermal protection safeguards.

Features	Benefits	Why?
• <b>14.4v Battery</b>	» Suitable for all 14.4v equipment.	» Following the industry standard, this battery will work on all equipment that take Sony BP-U style batteries.
• <b>USB-A / USC-C</b>	» Charge this battery using USB-C & Discharge to power external devices.	» Our USB-C output allows for more options to power & different voltage ranges. Allowing to power devices with different voltages.
• <b>D-Tap Output</b>	» Power your accessories using a D-Tap cable of your choice.	» Some accessories on your camera rig may require more power, the battery D-Tap can provide 11-17v nominal voltage.
• <b>Lock In Sled</b>	» Lock in L shape sled ensuring a strong connection to your equipment.	» Being a great replacement battery the lock in connection is the same quality you come to expect from BP-U Batteries.
• <b>Flight Safe</b>	» Fly with as many batteries as your airline allows.	» BPU batteries are small and light, allowing for you to carry more in your luggage.
• <b>4-Step LED fuel gauge</b>	» Keep track of remaining run-time of your battery.	» Know when to schedule a battery change or hot swap to avoid losing power.

## Recommended Associated Products:



### Mini BPU Fast Charger (3A)

Model: BP-MX2

The BP-MX2 is a compact and lightweight 2-channel charger, perfect for travel. It's quieter, faster, and charges both batteries simultaneously, making it super convenient on the go.



### Mini BPU Fast Charger (3A)

Model: I-PW5

The I-PW5 cable provides a regulated 5V output from a D-Tap connector to a USB-C, perfect for charging phones or powering 5V audio/cine gear. Note: it's not suitable for USB-C laptops.