OBSCAPE | ENVIRONMENTAL OBSERVATIONS

Planet Ocean

// DATA SHEET



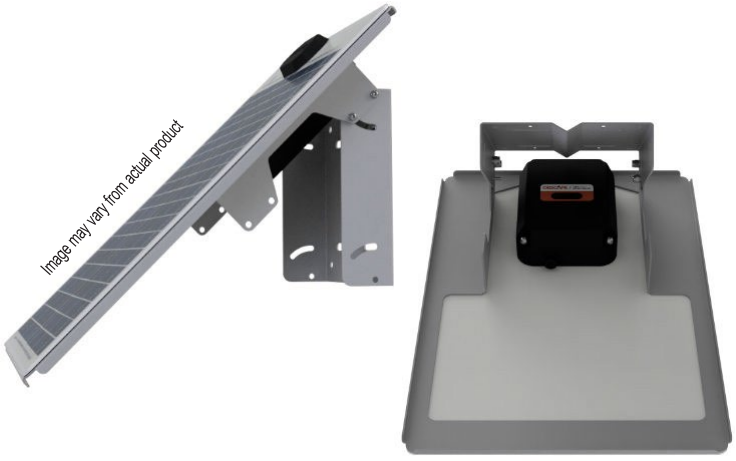
Accessories

Auxiliary Power Unit

DEPENDABLE POWER ANYWHERE

The Obscape **Auxiliary Power Unit (APU)** is built to extend the operational life of Obscape's PTM range of devices. Compact, rugged, and field-ready, it is designed with marine-grade stainless steel adjustable bracket, making it easy to deploy in diverse environments. The APU delivers dependable supplementary power, ensuring uninterrupted monitoring in situations where extra energy is critical, such as

- **High Sampling Intervals** – supporting frequent data collection and transmission.
- **Low-Light Environments** – maintaining performance when solar availability is limited.
- **Remote Deployments** – providing reliable, low-maintenance power for long-term field operations.



TECHNICAL SPECIFICATIONS

SPECS	
SOLAR PANEL CAPACITY	20W standard; 40W optional
BATTERY	14.8V 5.2Ah 76.96 Wh
CHARGING	High-power MPPT solar charger
OUTPUT	5V, up to 3A (protected)
CONNECTORS	IP68 Weipu SP13 Series (10m cable supplied)

KEY FEATURES

01 **Reliable Power Backup:** 77Wh lithium-ion battery ensures continuous operation.

02 **High Efficiency Charging:** MPPT solar charger maximizes energy harvest, even in low-light conditions.

03 **Flexible Deployment:** Supplied with powder-coated marine-grade stainless steel bracket for multiple installation angles.

04 **Durable Design:** IP68 acetal housing and connectors for long-term field resilience.

05 **Protected Output:** 5V regulated, up to 3A, with built-in load and battery protection.

PURCHASE INCLUDES

- Free access to the **Obscape Data Portal**
- Marine-grade stainless steel adjustable bracket

CONTACT US

E-mail: sales@planet-ocean.co.uk
Website: www.planet-ocean.co.uk

Planet Ocean