

# Product description: Baader 60W Outdoor Telescope Power Supply #2457630

– The perfect power supply for large telescopes –



Each Baader Outdoor Power Supply package includes the following:

## Technical Data:

- **Elbowed quick-disconnect plug:** 2.1mm x 5.5mm x 12mm
- **Weight:** 0,340 kg
- **Measurement:** 10,7 cm x 4,8 cm x 3,1 cm
- **Output:** 12 Volt / 5 Ampere (60 Watt)
- **Input:** 100-240V, 50-60 Hz.
- **Protection Rating IP 40**
- **Compact housing**
- **2,05 meter cable (consisting of 1,55 m connection cable, 0,5 m coupling cable, separable quick disconnect elbowed plug)** fits most common telescopes. No more "cable spaghetti" with banana plugs and automobile 12V-lighter sockets!

- **Protective Quick-Disconnect (elbowed) Plug** protects the electronic boards of the telescope from damage at the power socket and the power supply from broken cables. Also acts as voltage protection against accidentally reversing +/- polarity .
- **The 2.05 m connection** to the telescope is long enough to protect the power supply from dangling loose and offers two disconnection points for the utmost in security. On the input-side, the power supply has 1.8 m cable length.
- **The enclosed housing** protects against moisture and is designed for outdoor-use – but it is not waterproof.
- Ample voltage is provided **even at low temperatures**.

## Properties:

Conventional nominal 12V power supplies are made for use in your "living room". When used outside in the cold, their voltage will drop with temperature. At -10°C (18F), the voltage output may have gone down to only 10.5 V, and the motors of many telescope mounts will behave erratically at such a low voltage. The motor driver electronics will try to compensate for the low voltage by drawing more current (amps) until both power supply and mount electronics will fail to work properly or suffer damage. Many users blame the mount and its internal electronics when an inadequate power supply may be the culprit.



The Baader Planetarium 60W Outdoor Power Supply is designed for outdoor use, just like the proven, smaller, Baader Planetarium 19W Outdoor Power Supply.

**Both, the elbowed disconnect plug as well as the straight pull linkage perfectly protect the power input and electronic board of the telescope against damage when tripping onto the cable. Also this protects the cable itself from breakage.**

Altogether the distance between telescope and power socket may reach 4 meters. This is longer than usual and assures that the power supply will not become a tripping hazard or dangle in the air. Even for larger

telescopes, the power supply can be placed on the ground or onto the accessory tray of a tripod or pillar. The housing is sealed against moisture, but it is not waterproof. So, of course the plugs must not contact wet ground.

The Baader Planetarium 60W Outdoor Power Supply continuously supplies up to 5 Amperes at a minimum of 12 Volts, so it is perfect for modern, powerful mounts like the Celestron Advanced VX, CGEM (DX), CGE Pro and CPC HD Deluxe. Of course, it can be used with any mount having a Celestron-Standard receptor (2.1mm x 5.5mm), requiring up to 5 Ampere.

## Optional Accessories:



2457631  
Extension Cable, 2 meters



2457632  
Y-cable for two 12V instruments  
on one power Supply (for 5.5 / 2.1 plug)



2457633  
Connecting Cable 0,5 m, extra  
(included in the scope of supply of Baader Outdoor Power Supply #2457630)



2457634  
Elbowed Plug, extra



# BAADER PLANETARIUM

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