

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

### – The perfect power supply for large telescopes –

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 10.5V, 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.

Two quick-disconnect plugs protect the telescope if too much force is accidentally applied to the cables. **The elbowed hollow plug quick-disconnects and thus protects the electronics board of the telescope against damage** at the power socket and also protects the power supply itself from broken cables if, for example, someone trips over the cable.

The two cables which connect the power supply with the telescope and a wall socket provide a cable length of ca. 1.7m on each side. 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 on the accessory tray of a tripod or pillar.

The housing is sealed against moisture, but of course the plugs must not contact wet ground.



The Baader Planetarium 60W Outdoor Power Supply continuously supplies up to 5 Amperes at 12.5 Volts, so it is perfect for modern, powerful mounts like the Celestron Advanced VX, CGEM (DX), CGE Pro and CPC HD Deluxe. Of course, you can use it with any mount with a Celestron-standard hollow receptor (2.1mm x 5.5mm x 12mm) and requiring up to 5 Amperes.

**This 60W power supply #2457630 replaces the old model (#2457570) and offers the following advantages:**



- The connection cable with elbowed plug fits the most common telescopes. No more "spaghetti heaps" of banana plugs and automobile 12V-lighter sockets!
- Quick-disconnect plugs protect the electronic boards of the telescope from damage at the power socket and the power supply from broken cables.
- The elbowed hollow plug is 2.1mm x 5.5mm x 12mm.
- Compact housing doesn't need much space.
- The cable to the telescope is long enough to avoid the power supply dangling in the air. Fully 1.7m of cable is on each side of the power supply.
- The enclosed housing protects against moisture, and is designed for outdoor-use.
- Ample voltage is provided even at low temperatures.
- Nominal 12 Volt / 5 Ampere (60 Watt)
- Input: 100-240V, 50-60 Hz.



# BAADER PLANETARIUM <sup>GM</sup><sub>BH</sub>

Zur Sternwarte • D-82291 Mammendorf • Tel. +49 (0) 8145 / 8089-0 • Fax +49 (0) 8145 / 8089-105  
Baader-Planetarium.de • kontakt@baader-planetarium.de • Celestron-Deutschland.de