

INSTRUCTION MANUAL

Orion® 12V DC Power Adapter for DSLR Cameras

#21127 for Canon EOS 5D Mark II, 5D Mark III, 6D, 7D, 60D, 60DA

#21128 for Canon EOS 450D, 500D, 1000D

#21129 for Canon EOS 550D, 600D, 650D, 700D

#21130 for Canon EOS 300D, 10D, 20D, 20DA, 30D, 40D, 50D

The Orion 12V DC Power Adapter for DSLR Cameras allows you to efficiently power select DSLR cameras from a 12V DC battery. The adapter greatly extends the duration of operation of the camera compared to using internal lithium-ion camera batteries, which have limited capacity and the potential to deplete their charge in the middle of an imaging session. And the adapter is far more energy-efficient than using an AC adapter with a power inverter, which will drain your 12V field battery much faster.



Providing Exceptional Consumer Optical Products Since 1975

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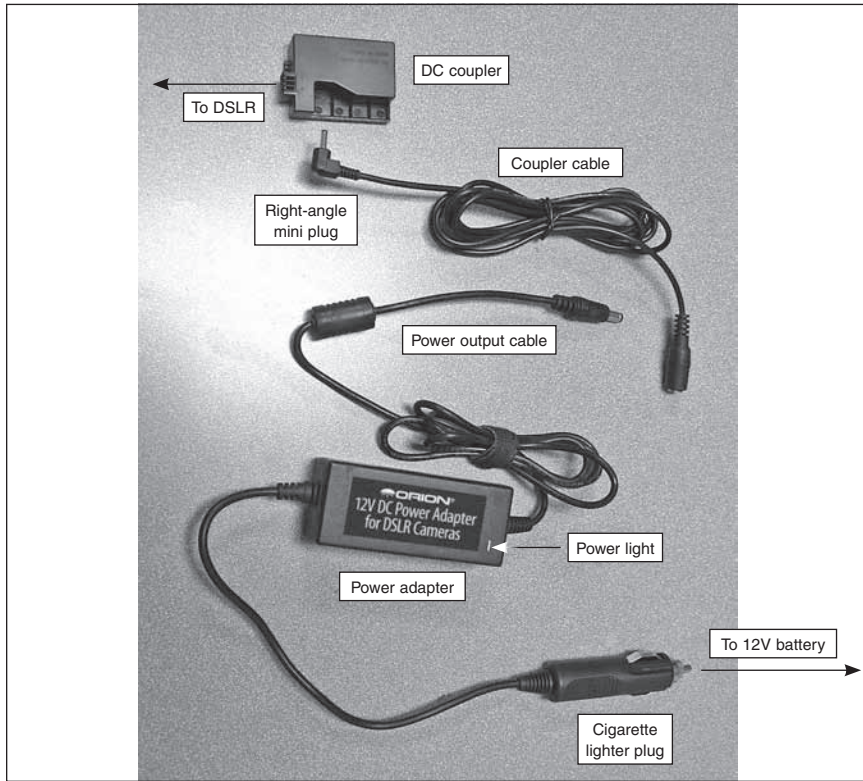


Figure 1. Parts of the 12V DC Power Adapter

The 12V DC Power Adapter converts the 12V DC input to a 7.4V output to the camera.

Connect the 12V DC Power Adapter as follows:

1. If you are using the 21128 or 21129 models, which include the DR-E5 and DR-E8 DC coupler (labeled on the coupler itself), respectively, plug the right-angle mini plug of the coupler cable into the hole in the coupler (see **Figure 1**). If you are using the 21127 or 21130 models, with their DR-E6 and DR-400 couplers, respectively, the coupler cable is permanently attached to the DC coupler from the factory (**Figure 2**).
2. Insert the correct DC coupler into the empty battery compartment of your camera.

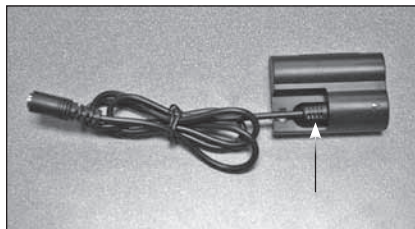


Figure 2. Coupler cable is permanently attached to the DR-E6 and DR-400 couplers.

3. Now connect the other end of the coupler cable to the output cable of the 12V power adapter.
4. Lastly, connect the power adapter's cigarette lighter plug to your 12V field battery. The power indicator light on the adapter body should illuminate.
5. Turn on your camera and start shooting pictures!

When finished, first turn off your camera, then unplug the cigarette lighter plug from the 12V battery. Finally, remove the DC coupler from your camera's battery compartment.

Specifications

Power Adapter

Power input	12V (10 – 24V)
Power output	7.4V, 4A
Connectors	<ul style="list-style-type: none"> • Cigarette lighter style, fused, male • 5.5mm/2.1mm, male
Size	3.5" (88mm) x 1.5" (37mm) x 1.2" (30mm)
Cable length	Adapter input: 10.5" (26.7cm) Adapter output: 48" (121.9cm)

DC Couplers

Compatibility	<p>DR-E5 – fits Canon EOS 450D (XSi), 500D (T1i), 1000D (XS)</p> <p>DR-E6 – fits Canon EOS 5D Mark II, 5D Mark III, 6D, 7D, 60D, and 60Da</p> <p>DR-E8 – fits Canon EOS 550D (T2i), 600D (T3i), 650D (T4i), 700D (T5i)</p> <p>DR-400 – fits Canon EOS 300D, 10D, 20D, 20Da, 30D, 40D, 50D</p>
Connectors	<p>For DR-E5 and DR-E8: 3.0/1.1mm right-angle male mini plug; 5.5/2.1mm female</p> <p>For DR-E6 and DR-400: 5.5/2.1mm female (other end is permanently attached to coupler)</p>
Cable length	~6.6 feet (2m)

WARNING: *Never look directly at the Sun with the naked eye or with a telescope – unless you have a proper solar filter installed over the front of the telescope! Otherwise, permanent, irreversible eye damage may result.*

One-Year Limited Warranty

This Orion product is warranted against defects in materials or workmanship for a period of one year from the date of purchase. This warranty is for the benefit of the original retail purchaser only. During this warranty period Orion Telescopes & Binoculars will repair or replace, at Orion's option, any warranted instrument that proves to be defective, provided it is returned postage paid. Proof of purchase (such as a copy of the original receipt) is required. This warranty is only valid in the country of purchase.

This warranty does not apply if, in Orion's judgment, the instrument has been abused, mishandled, or modified, nor does it apply to normal wear and tear. This warranty gives you specific legal rights. It is not intended to remove or restrict your other legal rights under applicable local consumer law; your state or national statutory consumer rights governing the sale of consumer goods remain fully applicable.

For further warranty information, please visit www.OrionTelescopes.com/warranty.

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