



Cercis Astro

DC:DC Adapter - A632, A633, A634, A635, A636 AC Adapters—Models A631C, -E, -S, -T Digital SLR Camera Accessory

Tired of your DSLR batteries running out in the middle of the night? Don't have AC power available? With Cercis Astro DC Adapter (DC-DC power supply) for DSLR cameras, you can now power your camera from the same power supply as your mount, dew heater and other accessories.

Cercis Astro offers 12 VDC power supply for Canon EOS and Rebel XT/XTi DSLR cameras. A DC coupler fits into the battery slot of the camera, and is securely connected to the power supply, and the auto-jack (or optional XLR connector) is connected to a 10-15 V battery (auto cigarette lighter or dedicated battery). The A632, A633, A635 or A636 power supply lets the DSLR-astro-or video-photographer work without the need for AC power on-site, and without the heating and short-time charge constraints of the camera battery pack.

The A632 for Canon Rebel XT or XTi (350 or 400D) cameras; A633 for Canon Digital EOS (5D, 10D, 20D/20Da, 30D, 40D or 50D or Rebel 300D); A635 for XS, Xsi or T1i (1000D, 450D or 500D); A636 for 5D Mark II—all include AC power pack. XLR in place of auto plug is available; A634 for Nikon cameras available later.



AC Adapters—A631C , A631E, A631S & A631T

Parameter	DC Coupler	AC Adapter (Auto Switching)	Other Info
A631 C			
Voltage	7.0 V 1.9 A (Input & Output)	100—240 V AC, 50-60 Hz (Rated Input)	Canon 350D/400D Rebel XT/XTi
Dimensions	33 X 15.9 X 45.4 mm (1.3 X 0.6 X 1.8 in)	81 X 29 X 56 mm (3.2 X 1.1 X 2.2 in)	Battery Type Canon NB-2LH 7.4 V 720 mAh
Weight	20 g (0.7 oz)	110 g (3.9 oz) excl pwr cord	
A631E			
Voltage	7.8—8.1 V DC (Input & Output)	100—240 V AC, 50-60Hz (Rated Input)	300D Rebel, 5D, 10D, 20D/20Da, 30D, 40D, 50D
Dimensions	38.4 X 21 X 55.3 mm (1.4 X 0.6 X 2.1 in)	50 X 30 X 86 mm (2 X 1.2 X 3.4 in)	Battery Type Canon BP-511* 7.4 V 1100 mAh
Weight	20 g (0.7 oz)	110 g (3.9 oz) excl pwr cord	
A631S			
Voltage	7.4 V DC (Input & Output)	100—240 V AC, 50-60 Hz (Rated Input)	450D Rebel Xsi
Dimensions	36 X 14.7 X 53.1 mm (1.4 X 0.6 X 2.1 in)	112 X 29 X 45 mm (4.4 X 1.1 X 1.8 in)	Battery Type Canon LP-E5 7.4 V 1080 mAh
Weight	20 g (0.7 oz)	185 g (6.5 oz) excl pwr cord	
A631T			
Voltage	8.0-7.6 V DC (Input / Output)	100—240 V AC, 50-60 Hz (Rated Input)	5D Mark II
Dimensions	38.4 X 21 X 56.8 mm (1.5 X 0.8 X 2.2 in)	100 X 34 X 56 mm (3.9 X 1.3 X 2.2 in)	Battery Type Canon LP-E6 8.0 V / 3A
Weight	110 g (3.9 oz)	175 g (6.2 oz) excl pwr cord	
Power Cord ~ 2 m (~ 6 ft), US Plug DC Cord ~2 m (~6 ft) All info from mfrs *also BP-511A, -512, -514			

Connecting the DC Coupler (simulated battery) to the Camera & the DC Adapter or AC Adapter to Power Source

- 1) Open the camera battery chamber and remove the battery.
- 2) Insert the DC coupler (simulated battery) and fit the cord into the cord channel; the DC coupler will lock in place.
- 3) Close the battery chamber cover so that it clicks.
- 4) Connect the DC coupler cord to the AC adapter or the A632, A633, A635, or A636 DC adapter.
- 5) For DC adapter, plug the auto lighter jack into a cigarette lighter plug. For AC adapter, plug into power outlet.

When finished, follow this procedure in reverse (i.e. unplug from DC or AC power source, disconnect the adapter, and remove the DC coupler from the camera).

Do not unplug/remove the power cord while the camera is switched on.

Specifications subject to change with notice. All specs @ 25C 7/09 DC*Rev.CD



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Connections for A631C, A631E, A631S, A631T, A632, A633, A635, A636 . . .



Operating & Mechanical Data - DC Adapter (Power Supply)

Dimensions	in.	3.25 X 2.3 X 0.8
Weight—DC:DC Converter	oz	5
Wgt—shipping (estimated) A631CEST	lb	0.75
Wgt—shipping (estimated) A63X	lb	1.5
Temperature Range—Operating	C (F)	-35 to +50 (0 to 50)
Temperature Range—Storage	C (F)	-35 to +50 (0 to 50)

Part No.	Description
Part No	Description
A631C	AC Power Adapter Canon XT/XTi 350/400D
A631E	AC Pwr Adptr (-E2) 300,5,10,20,30,40D,50D
A631S	AC Pwr Adapter (-E5) XS, XSi, T1i 1000D,450D, 500D
A631T	AC Pwr Adapter (-E6) 5D Mark II
A632	DC Adapter XT/XTi 350/400D DC + A631 AC Adapter
A633	DC Adapter EOS 300,5,10,20,30D + A631E AC Adptr
A634	DC Adapter for Nikon <i>To Be Announced</i>
A635	DC Adapter XSi 450D DC + A631S AC Adapter
A636	DC Adapter 5D Mark II + A631T AC Adapter
	For XLR connector I/O Auto Plug, add "X" suffix

Other Cercis Astro products . . .

Discover & Capture Your Piece of the Sky . . .

Discover It . . . With the FocusStar controller

A precision stepper motor fits on your telescope's focus. A second motor can accommodate another telescope or autoguider. See page: <http://cercisastro.com/FocusStarPro.html>

Capture It . . . With the DslrStar astrophotography controller

Connect your DSLR camera to your telescope, then program long exposure sequences either by computer or stand-alone. DslrStar stores exposure information in its memory. An autoguider port supports webcams or Meade DSI using any ASCOM-ready autoguiding software. See DslrStar page: <http://cercisastro.com/DslrStar.html>

. . . Or with DslrLite software

that interfaces between Canon or Nikon DSLR camera bulb & computer. DslrLite allows the user to easily focus and set an unlimited number of exposure sequences. Image FITS files may be stored to the camera memory card or to the computer hard disk. See DslrLite: <http://cercisastro.com/DslrLite.html>

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