



Cell MicroControls, P.O. Box 11387, Norfolk, VA 23517
Tel: (800) 398-4262; (757) 622-0261
Fax: (800) 398-9262; (757) 622-0262
WWW: <http://www.cellmc.com>; Email: info@cellmc.com

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Power options for TC2bip

Dear Researcher,

You can purchase the **PS12V3** Power supply from us for the **TC2bip**. This supply is suitable for setting up and microscopy and whole cell patch clamping with larger currents. Below are alternative supplies for different applications. Please call us with any questions.

Suitable for patch clamping and microscopy available from Digikey (800-344-4539 www.digikey.com)

Digikey No. 522-1014-ND Battery: 12V 17AH Gel battery

Digikey No. PATC-03-ND Charger: Patco Model 150 12V 1.5Amp

Digikey No. PATC-07-ND Charger cable: Patco Model 4020

If you want us to have these items drop shipped specify **PBT12V17** 12V Gel Battery Kit \$204 (only in U.S.)

Clips for battery terminals available from Mouser (800-346-6873 www.mouser.com)

Mouser No. 548-48-C Battery alligator clips (2pc)

Mouser No. 548-49-2 Alligator insulator-red (1pc)

Mouser No. 548-49-0 Alligator insulator-black (1pc)

Suitable for microscopy and some whole cell patch clamping available from Cell MicroControls

PS12V3 13.8V 4.5Amp regulated power supply \$55.00

Suitable for CH& CP1 Heating/Cooling module available from Cell MicroControls

PS12V3 13.8V 4.5Amp regulated power supply \$55.00

For the **CH&CP1** with the **TC2bip** the power supply can be internally adjusted to supply 18V which gives better performance.

We have provided a cable with the 5.5mm/2.1mm plug for the **TC2BIP** with an inline 5Amp circuit breaker in line with the 12V lead to protect against accidental shorts of the plug to a grounded line in a setup. If you are using a battery or the **PS12V3** Power supply **you must use this cable**. If the circuit breaker "pops" you will have to wait for about 30 seconds before resetting it. Find out why the short occurred before reconnecting the power supply or batteries.

If you have any problems please contact us at the numbers above or if you use email you can send us mail at info@cellmc.com.