

IPS100C ISOLATED POWER SUPPLY MODULE



The IPS100C is used to operate 100-series amplifier modules **independent** of an MP data acquisition unit. The IPS100C module couples the 100-series amplifier outputs directly to any **other** data acquisition system, oscilloscope or chart recorder. Amplifier modules snap onto the side of the IPS100C to receive the necessary isolated power and to direct the modules' output to the front panel of the IPS100C. The IPS100C allows users to operate up to 16 amplifiers on a stand-alone basis. The analog channel outputs are provided via 3.5 mm phone jacks on the front panel. The IPS100C is generally used with animal or tissue preparations. When collecting data from electrodes attached to humans, use the AMI100D/HLT100C module with OUTISOA and INISOA adapters to couple signals to external equipment.

Includes In-line Transformer (AC300A) and USA or EURO power cord.

IMPORTANT USAGE NOTE

Do not use the IPS100C with an MP based system. For a fully isolated recording system using the IPS100C, couple signal inputs and outputs through the AMI100D/HLT100C module and OUTISOA and INISOA adapters, respectively. Contact BIOPAC for details.

IPS100C SPECIFICATIONS

Amplifier Output Access:	16 channels (front panel) – 3.5 mm phone jacks
Isolated Power Access:	± 12 V, +5 V @ 100 ma (back panel) – screw terminals
Weight:	662 grams (unit only)
Dimensions:	7 cm (wide) x 11 cm (deep) x 19 cm (high)
Power Source:	12 VDC @ 1 amp (uses AC300A transformer)

! Newer HLT100C “Rev 2” units, shipped with MP160 Systems and indicated “Rev 2” on the part number/barcode label, cannot physically be used with MP150+UIM combination or an IPS100C.

The HLT100C-MP150 module provides 16 input and 2 output channels. The HLT100C-MP150 is similar in function to the UIM100C Universal Interface Module, but it also provides power to the transducer when making a connection.