



- **PROVIDES EASY BENCH TOP USAGE OF NIM UNITS**
- **BIN-8AC POWER AC NIM UNITS**
- **BIN-6DC POWER DC NIM UNITS**
- **CONVECTION COOLED**
- **PORTABLE**

Spellman's Bertan brand of Nuclear Instrumentation Module (NIM) mini-bin enclosures provide convenient bench top mounting and input power for NIM high voltage power supplies and other compatible NIM instruments. The mini-bins conform to the AEC TID 20893 (Rev) standard and allow users to configure individual NIM instruments into a complete dedicated system.

The units are of steel construction with nylon guides to assure positive module alignment. Integrated venting allows for cooling by natural air convection. The carry handle at the top of the enclosure provides portability. The fold-up tilt stand in the base of the unit facilitates bench top use.

Two models are available. Model BIN-8AC for powering AC input NIM modules and BIN-6DC for powering DC input NIM modules.

#### **SPECIFICATIONS: BIN-8AC**

##### **Input Voltage:**

115Vac, 50/60 Hertz @ 4 amps

##### **Output Voltage:**

Eight 3 wire, 115Vac receptacles are provided at the rear panel to power eight NIM AC input modules. A rear panel power switch controls all receptacles.

##### **Dimensions:**

11.4" W x 9" H x 12.7"D (289mm x 229mm x 324mm)

##### **Unloaded Weight:**

9 pounds (4.1kg)

##### **Input Power Connector:**

IEC320 cord set is provided.

#### **SPECIFICATIONS: BIN-6DC**

##### **Input Voltage:**

115Vac, 50/60 Hertz @ 1.5 amps

##### **Output Voltage:**

$\pm 12\text{Vdc}$  @ 1 amp and  $\pm 24\text{Vdc}$  @ 0.6 amps is distributed to six standard NIM connectors. Automatic over current protection is provided. A front panel lighted pushbutton controls power to all plug in modules. The provided DC power is regulated to 0.1% for a  $\pm 10\%$  line change and a 100% load change. Ripple on all outputs is less than 5mV.

##### **Dimensions:**

11.4" W x 9" H x 12.7"D (289mm x 229mm x 324mm)

##### **Unloaded Weight:**

17 pounds (7.7kg)

##### **Input Power Connector:**

IEC320 cord set is provided.