MINI-NODE™ COMMUNICATION SIGNAL CONVERTER
Converts RS-485 to USB, Integral USB Connector, No External Power

The MODEL MN-1 Mini-Node™ Communication Signal Converter is a low cost device that converts half duplex RS-485 serial communications signals into a signal that can be read by any computer with a USB port. The integral USB connector and RJ-45 connector reduces set up time by eliminating extra wiring. The Model MN-1 is powered via the USB connection which eliminates the need for an external power source. The compact size is great for field installation, control panels, and lab testing.

**FEATURES/BENEFITS**
- Converts half duplex RS-485 via USB port
- Reduces set up time of process controllers

**APPLICATIONS**
- Oven, Boiler, or Chiller Control
- Hot plates/melt pots
- Packaging Equipment
- Environmental Chambers
- Medical Equipment
- Food service Equipment

**SERIES A-700**

**POWER SUPPLY**

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>MN-1 Mini-Node™ USB to RS-485 converter</td>
<td>$77.50</td>
</tr>
</tbody>
</table>

**SPECIFICATIONS**
- Power Requirements: No external power required.
- Power Consumption: 0.4 W.
- Isolated Voltage: 3000 VDC.
- Input Impedance: 96 kΩ.
- USB Connector: B-type (female).

**MODEL CHART**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</tr>
</thead>
<tbody>
<tr>
<td>A-700</td>
<td>0.5 A</td>
<td>$88.50</td>
</tr>
<tr>
<td>A-700-2</td>
<td>2 A</td>
<td>$164.00</td>
</tr>
<tr>
<td>A-700-3</td>
<td>4.8 A</td>
<td>$205.00</td>
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</tbody>
</table>

**MODEL KF-CC-304**

**USB DUAL POWER**
Charge Two USB Devices at Once!

The MODEL KF-CC-304 USB Dual Power charger keeps you plugged-in and powered-up at home and on the road. Featuring a robust charging capacity of 1.5 amps, two USB ports for the simultaneous charging of two devices, and a pocket-friendly 2-in-1 design for both wall charging and auto charging, the USB Dual Power is the ultimate charging accessory for USB-powered portable electronics!

**FEATURES/BENEFITS**
- Provides 1.5 amps of charging power
- Charge two USB devices at once
- Use at home or in the car
- Built-in safety fuse to protect your devices
- Sleek, pocket-friendly design
- LED light indicates ready power source

**APPLICATIONS**
- BAS
- HVAC
- Test and Balance

**SPECIFICATIONS**
- Input: 100 to 240 VAC 50/60 Hz 0.15 A 12 to 24 VDC.
- Output: Terminal Voltage Current: USB port 1: 5.0 V = 1.5 A; USB port 2: 5.0 V = 1.8 A; USB port 1 + 2: 5.0 V = 750 + 750 mA.

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</tr>
</thead>
<tbody>
<tr>
<td>KF-CC-304</td>
<td>USB dual power</td>
<td>$13.00</td>
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</tbody>
</table>

* Items are subject to Schedule B discounts.