

BRIDGE THE POWER GAP UNINTERRUPTIBLE POWER SOLUTIONS

BATTERY BACK UP WITH PATIENT ISOLATION

Astrodyne TDI's PowerBridge™ AC uninterruptable power supply provides power backup for critical applications. In the event of a power outage, the PowerBridge™ allows users to *bridge* the power gap of a system while the facility emergency power ramps up. This power solution can provide the necessary power for medical devices and imaging during surgical procedures to ensure successful results. The PowerBridge™ offers output ratings of 2000VA, provides **patient isolation**, and features a battery capacity of over two minutes (at full rate) for a secure solution in operation settings.

Aside from adding a <u>glitch-free</u> transition to backup power, the Power Bridge™ features the following:

- ► 2kVA (120V or 220V) output power in a 2U, 19-inch rack space
- ► Lithium iron phosphate battery technology (LiFePO 4 battery)
- ▶ Up to 10-year extended battery life
- ► Two to five-minute runtime at 2kVA
- ► IEC 60601-1 3rd edition safety certification
- ► IEC 60601-1-2 4th edition EMC certification
- ► 2MOPP and BF Leakage

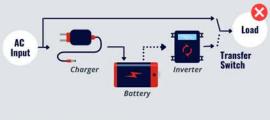




ASTRODYNE TDI'S ON-LINE UNINTERRUPTED POWER SUPPLY



OFF-LINE UNINTERRUPTED POWER SUPPLY



→ Normal Mode

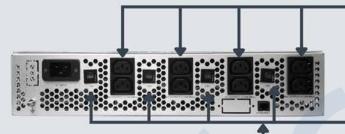
···· Battery Backup Mode



ELIMINATE THE NEED FOR ISOLATION TRANSFORMER

The Perfect Medical UPS to Digitize the Surgical Suite







The PowerBridge™ UPS by Astrodyne TDI is a compact, high density, and lightweight solution, perfect to support the digital healthcare industry. It is an all-in-one power solution that includes isolation, LiFePO4 battery, and IEC 60601 certification, in an easy-to-install system.

ON/OFF Momentary Switch

Provides main ON-OFF function

AC Output

(4) IEC 60320 C13 duplex outlets provides 120V or 220V output

Output Breakers

(4) Output breaker with short circuit and over current protection

Remote Control

SNMP via Ethernet provides operator control of the power unit through RJ45 connection

AC Input

Panel mount IEC 60320, C20 inlet to provide clean power to the unit

LiFePO4 Battery

Provides back up power to ensure glitch-free power to the use equipment

Power Isolation

Eliminates the need for external isolation to meet patient contact requirements



LITHIUM IRON PHOSPHATE



DIGITAL CONTROLS & READBACKS



BF LEAKAGE 2 MOPP