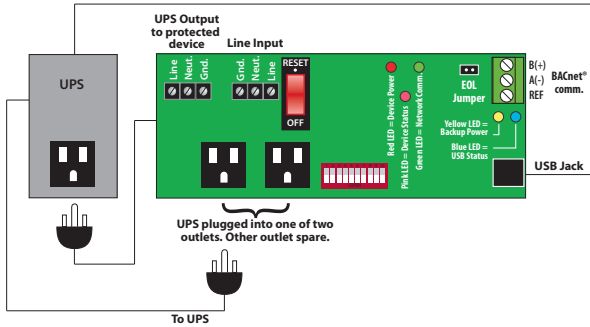


UNINTERRUPTIBLE POWER SUPPLY KIT - BACNET COMPATIBLE

PSH600-UPS-BC

600 VA UPS Backup Power Control Center, BACnet MS/TP Network, 12" x 14" x 6" Metal Enclosure



Shown With Cover



Shown Without Cover



SPECIFICATIONS

BOARD & ENCLOSURE

- Operating Temperature:** -30 to 140° F
- Humidity Range:** 5 to 95% (noncondensing) Device
- Indicators:** Power: Red LED
Device Status: Pink LED
Network Communication: Green LED
Backup Power: Yellow LED
USB Status: Blue LED
- Main Breaker ON/OFF:** Switch / Breaker (10 Amp)
- Dimensions:** 12" H x 14" W x 6" D
- Origin:** Made of US and non-US parts
- Track Mount:** 2.750" x 8.000"
MT212-8 Mounting Track Included
- Approvals:** UL Listed, UL916, C-UL, CE, RoHS
- Line Input:** 120Vac, 10A(max)
- Convenience Receptacles:** 120Vac, 10A(max combined)

UPS

- UPS:** 600VA
- Backup Time:** 2.5 Min. @ Full 600 VA Load
10.2 Min. @ 1/2 Load
- Input:** 120 Vac, 12 Amp
- Output:** 120 Vac, 4.6 Amp
- Max Load:** 330 Watt
- Frequency:** 50/60 Hz
- UPS Temperature Rating:** 32 to 104° F
- UPS Transfer Time:** 6ms
- Approvals:** UL Listed, UL1778

Notes:

Average battery life: 3-5 years depending on the number of discharge cycles and environmental temperature

This model is not designed to notify user of battery failure

This model is designed to work exclusively with Functional Devices Model UPS600

Circuit breaker for short-circuit protection

14/3 Line Cord included (3')

INFORMATION PROVIDED OVER BACNET® NETWORK CAN BE USED TO SCHEDULE "PREDICTIVE MAINTENANCE" SUCH AS UPS BATTERY REPLACEMENT, ETC.

Power Input Rating:

25mA @ 120Vac

Network Media:

Twisted Pair 22-24 AWG, shielded recommended (MS/TP) USB A/B (device to UPS, included)

Terminations:

Functional Devices product installed at both ends of the MS/TP network - Use 120 Ohm End of Line Resistors. All other cases follow instructions from the device installed at the end of the MS/TP network.

Polarity:

Network is polarity sensitive.

Baud Rate:

9600, 19200, 38400, 76800, 115200 (DIP Switch Selectable)

DIP SWITCHES*			BAUD RATE
8	9	10	
0	0	0	9600
0	0	1	19200
0	1	0	38400
0	1	1	57600
1	0	0	76800
1	0	1	115200

All other combinations = 9600 baud

BACnet® Details:

- MS/TP Address & Baud Rate must be set prior to power up via DIP switches.
- Device ID will default to 277XXX where XXX is the MS/TP Address. Examples:

MS/TP Address - 004
Device ID - 277004

MS/TP Address - 121
Device ID - 277121

- Device ID can be changed via network command. Once changed, it will no longer default to 277XXX. (MS/TP Address & Device ID must be unique.)
- Devices Instance changed via Object Identifier Property of Device Object.
- Status of UPS connection, Battery run time, line power, UPS load (VA and %), and battery capacity can be read from BACnet network.

ESTIMATED BACKUP TIME VS. LOAD

