

ASOS MAINTENANCE NOTE 46, Revision A (for Electronics Technicians)
Maintenance, Logistics, and Acquisition Division
W/OPS12: WDW

Uninterruptible Power Supply (UPS) Configuration Table

GENERAL:

This maintenance note provides a table for the proper configuration of SOLA, two types of DELTEC 1 (see Figure 1), and two types of DELTEC 2 UPS units (see Note b).

- NOTE:** 1. Several DELTEC 1 units have a unique firmware version. This firmware is denoted by "SMI" added to the end of the model number located on the back of the unit. Units with model numbers ending with "SMI", may be configured as either SOLA or DELTEC depending upon the application.
2. DELTEC 2 units labeled "Configure as DELTEC at 1200 Baud" are not capable of SOLA emulation at 9600 Baud. For these units to be used on ASOS, they must be configured as DELTEC at 1200 Baud.

PROCEDURE:

Refer to Table 1 when changing the UPS hardware type. Refer to Figure 1 to identify the differences between a DELTEC 1 and DELTEC 2. Make the appropriate changes to the "DEFINE CONFIG" and "ACU COMMS" page based on the UPS used in the ACU, DCP, or SCA.

1. Verify the UPS used and refer to Table 1 for the specific configuration.
2. At the operator interface device, log onto the system as TECH:
 - a. Define Configuration, **REVUE-SITE-CONFIG-DEFIN**, set the ACU and DCP UPS configurations.
 - b. ACU Serial Communications, **REVUE-SITE-CONFIG-COMMS**, set the UPS BAUD rate.

EFFECT ON OTHER INSTRUCTIONS:

Supersedes ASOS Maintenance Note 46

REPORT MAINTENANCE ACTION:

None.

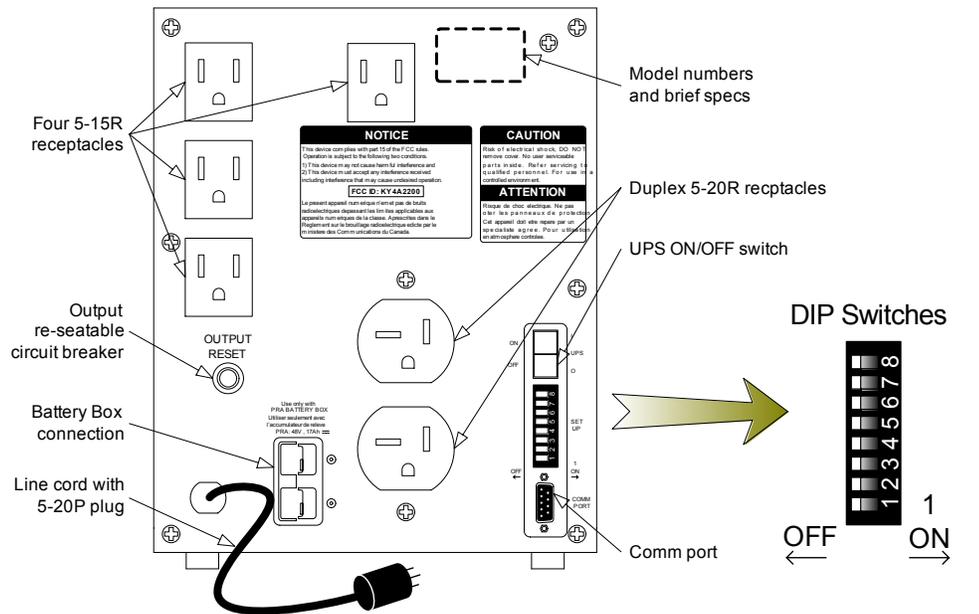
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Table 1. Acceptable UPS Configurations

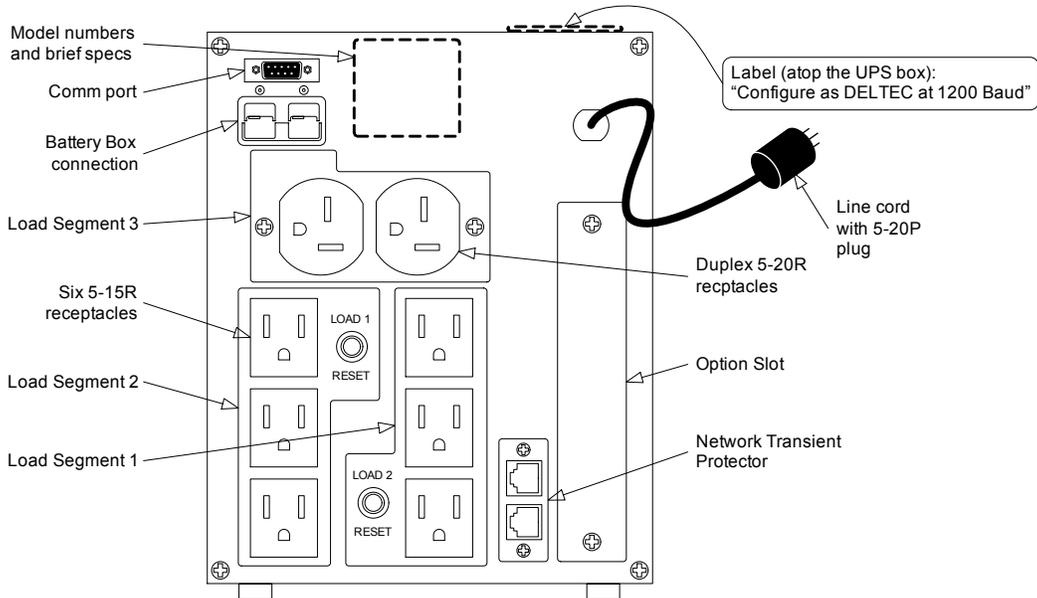
If you have a	with the following UPS	Define Config Page	ACU Comms Page	DIP Switch 7 ^a
ACU	SOLA	SOLA	9600	N/A
	DELTEC 1 (either version)	DELTEC	1200	OFF
	DELTEC 1-SMI ^b	SOLA	9600	ON
	DELTEC 2	SOLA	9600	N/A
	DELTEC 2 marked with: "Configure as Deltec at 1200 Baud" ^c	DELTEC	1200	N/A
1 DCP	SOLA	SOLA	9600	N/A
	DELTEC 1 (either version)	DELTEC	1200	OFF
	DELTEC 1-SMI	SOLA	9600	ON
	DELTEC 2	SOLA	9600	N/A
	DELTEC 2 marked with: "Configure as Deltec at 1200 Baud"	DELTEC	1200	N/A
multiple DCP ^d	all SOLA	SOLA	9600	N/A
	all DELTEC 1 (either version)	DELTEC	1200	OFF
	all DELTEC 2	SOLA	9600	N/A
	one SOLA, others DELTEC 1-SMI	SOLA	9600	ON
	one SOLA, others DELTEC 2	SOLA	9600	N/A
	one DELTEC 1-SMI, others DELTEC 2	SOLA	9600	ON
	DELTEC 2 marked with: "Configure as Deltec at 1200 Baud", others DELTEC 1 (either) ^e	DELTEC	1200	N/A
SCA	SOLA	SOLA	9600	N/A
	DELTEC 1 (either version)	DELTEC	1200	OFF
	DELTEC 1-SMI	SOLA	9600	ON
	DELTEC 2	SOLA	9600	N/A
	DELTEC 2 marked with: "Configure as Deltec at 1200 Baud"	DELTEC	1200	N/A

- Only DELTEC 1 has 8 DIP switch settings on the back of the unit, refer to Figure 1. In a normal installation all DIP switches should remain off unless a DELTEC 1-SMI is to be configured as a SOLA. When a DELTEC 1-SMI is configured as SOLA, DIP switch 7 must be turned on to change the baud rate and enable SOLA emulation. When any of the DIP switches are changed the unit must be powered down for a minimum of 30 seconds and power restored for the change to take effect.
- Several DELTEC 1 units have a unique firmware version. This firmware is denoted by "SMI" added to the end of the model number located on the back of the unit. Units with model numbers ending with "SMI", may be configured as either SOLA or DELTEC depending upon the application.
- A DELTEC 2 marked "Configure as DELTEC at 1200 Baud" can be used with either a DELTEC 1 or DELTEC 1-SMI. When being used with any DELTEC 1 unit, all the switches on the DELTEC 1 must be set to the OFF position.
- A DELTEC 1 without the -SMI cannot be used in one DCP of a multi-DCP installation if any of the other DCPs use either a SOLA or DELTEC 2 UPS. The DELTEC 1 without -SMI does not have the capability to emulate SOLA.

- e. With a DELTEC 2 marked "Configure as DELTEC at 1200 Baud" in a multiple DCP installation, all other UPS units must be configured at 1200 Baud. DELTEC 1 can be used in this instance, but only if it is configured as a DELTEC at 1200 Baud.



Rear View - Deltec I
UPS Back Panel



Rear View - Deltec II
UPS Back Panel

Figure 1. Rear Views of DELTEC Units