

9PX5KP1 and 9PX6KP1 interconnect diagram

The following steps outline how to properly interconnect the [9PX5KP1](#) and [9PX6KP1](#). Each of these models is a bundle which contains a UPS and a PPDM. The UPS is an *Uninterruptible Power Supply* which contains power electronics and batteries. The [PPDM](#) is a *PowerPass Distribution Module* which contains a wrap-around maintenance bypass, a step down transformer for 120V output, and output distribution (receptacles and breakers).

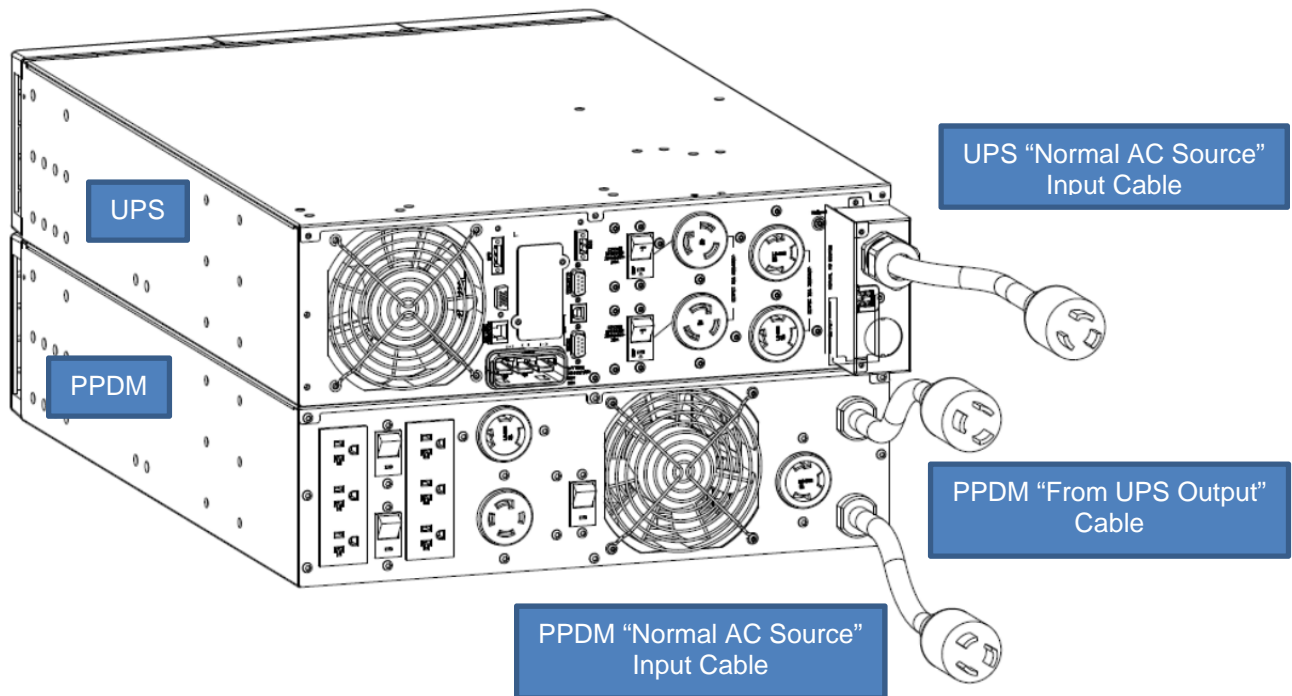


Figure 1. UPS and PPDM before interconnecting

1. Step 1: Ensure proper alignment. For rackmount applications the UPS and PPDM should be installed adjacent to one another. This will ensure that the interconnect cables will be able to properly make the connections. Likewise, installations in the tower position should be adjacent using the steps shown in Chapter 3 of the *Eaton 9PX PowerPass® Distribution Modules and Transformers 9PXTFMR5, 9PXPPDM2, 9PXTFMR11, and 9PXPPDM1 User's Guide*.
2. Step 2: Connect the **"From UPS Output" Cable** on the PPDM to the UPS. The cable should connect to one of the 30A, L6-30 receptacles.

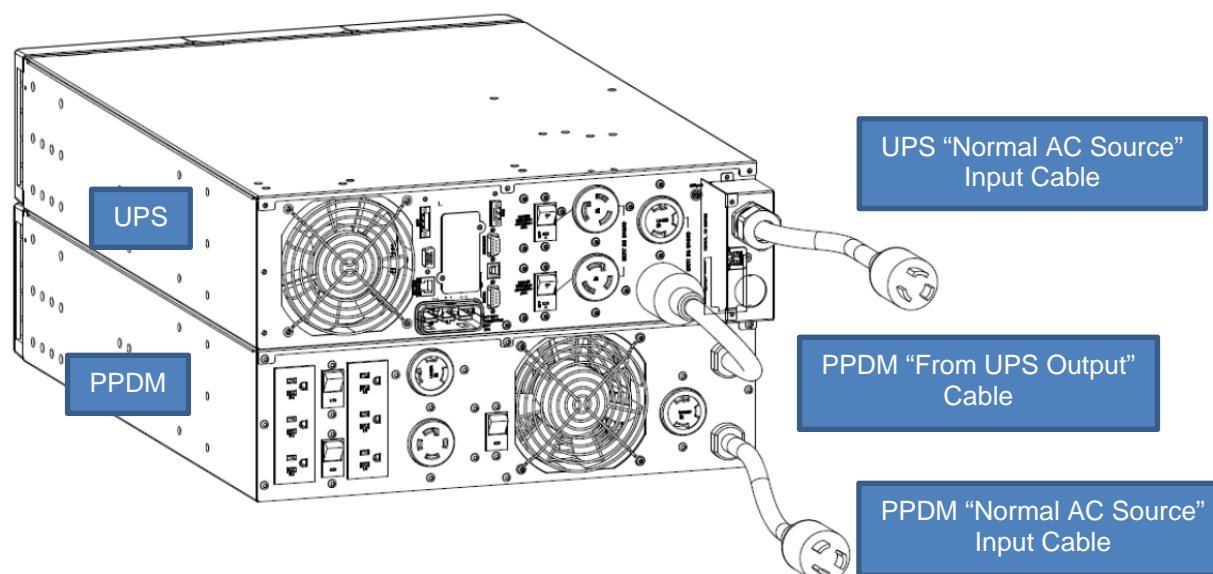


Figure 2. UPS and PPDM after Step 2

3. Step 3: Connect the **UPS "Normal AC Source" Input Cord** on the UPS to the PPDM 30A, L6-30 receptacle labeled **To UPS INPUT**. Note that the UPS input cord is 6 ft (1.8m) long and is shown shorter in the diagram to simplify.

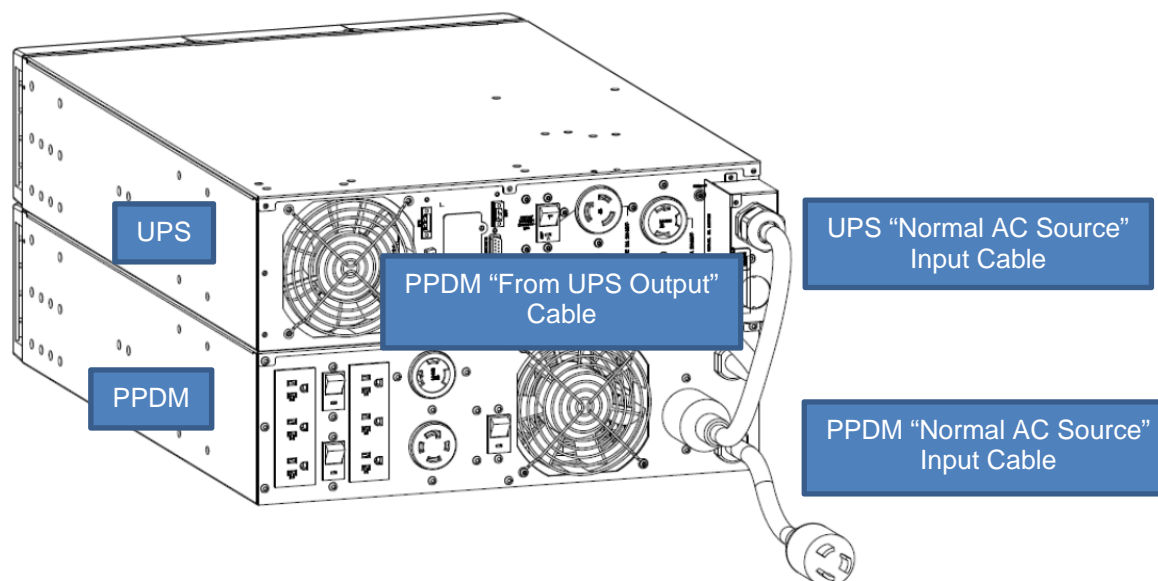


Figure 3. UPS and PPDM after Step 3

4. Step 4. Connect the **PPDM "Normal AC Source" Input Cable** to the local L6-30R utility source. Note that the UPS input cord is 6ft (1.8m) long and is shown shorter in the diagram to simplify.