

Figure 1 is a schematic diagram of the power supply system for the 120KVA UPS. It shows two main power sources: "High-voltage power supply" (top left) and "High-voltage power supply" (bottom left). The top source feeds a 200A 10kV bus, which then branches into two 10kV lines (10kV-1 and 10kV-2) that feed the UPS. The bottom source feeds a 10kV bus, which also branches into two 10kV lines (10kV-3 and 10kV-4) that feed the UPS. The UPS is a 120KVA unit with two outputs: "10kV-1" and "10kV-2". The diagram includes various electrical symbols for switches, breakers, and busbars.

