

4-1-3. X5 : UD50XX(32", 37", 40", 46")_UD40XX(32")

■ No Power

Symptom	<ul style="list-style-type: none"> - The LEDs on the front panel do not work when connecting the power cord. - The SMPS relay does not work when connecting the power cord. - The units appears to be dead.
Major checkpoints	<p>The IP relay or the LEDs on the front panel does not work when connecting the power cord if the cables are improperly connected or the Main Board or SMPS is not functioning. In this case, check the following:</p> <ul style="list-style-type: none"> - Check the internal cable connection status inside the unit. - Check the fuses of each part. - Check the output voltage of SMPS. - Replace the Main Board.
Diagnostics	<pre> graph TD Q1[Lamp(Backlight) Off, power indicator LED on?] -- No --> A1[Change the 14p power cable.] Q1 -- Yes --> Q2[Lamp(Backlight) Off, power indicator LED on?] Q2 -- No --> A2[Change INVERTER/BALANCE B'D.] Q2 -- Yes --> Q3[Does proper Stand-By DC A5V appear at VIA - A5V_PW?] Q3 -- No --> A3[Change the Main Assy.] Q3 -- Yes --> Q4[Does proper Main DC B13V, B5V appear at VIA - B13V_PW, B5V_PW?] Q4 -- No --> A3 Q4 -- Yes --> Q5[Does proper DC A3.3V appear at VIA - A3.3V_PW?] Q5 -- No --> A3 Q5 -- Yes --> Q6[Does proper B3.3V, B1.5V appear at VIA - B3.3V_PW, B1.5V_PW?] Q6 -- No --> A3 Q6 -- Yes --> Q7[Does proper DC B13V appear at LVDS connector Pin #1~5 of T-con b'd?] Q7 -- No --> A4[Change the LVDS cable.] Q7 -- Yes --> Q8[Does proper DC B13V appear at F1 of T-con b'd?] Q8 -- No --> A5[Change the T-con b'd.] Q8 -- Yes --> Q9[A power is supplied to set?] Q9 -- No --> A6[Check a other function. (No picture part) Replace a LCD Panel.] </pre>
Caution	Make sure to disconnect the power before working on the IP board.