

15. POWER SUPPLY TROUBLE

15.1 The copier does not turn ON

Step	Check	Result	Action
1	A malfunction code appears when the power switch is turned ON.	YES	<ul style="list-style-type: none"> Go to step 2.
		NO	<ul style="list-style-type: none"> Go to step 3.
2	The malfunction is temporarily reset when the power switch is turned OFF and ON with the Back/Stop/Reset key held down.	YES	<ul style="list-style-type: none"> Perform the troubleshooting procedure according to the malfunction code.
3	Power supply voltage check <Check procedure> Check voltage across pins of DC power supply (DCPU) when the power switch is turned ON. <ul style="list-style-type: none"> Voltage across CN1DCPU-1 and CN1DCPU-2 AC0 V when the power switch is OFF Rated AC voltage when the power switch is turned ON 	NO	<ul style="list-style-type: none"> Check wall outlet for voltage. Check power cord for continuity. Check power switch.
4	Check of output of DC24 V to PRCB <Check procedure> Check voltage across a PRCB pin and GND when the power switch is turned ON. <ul style="list-style-type: none"> Voltage across CN5PRCB-1 and GND Voltage across CN5PRCB-3 and GND DC0 V when the power switch is OFF DC24 V when the power switch is turned ON 	NO	<ul style="list-style-type: none"> Check front door switch (SW3). Check right door switch (SW2). Change DC power supply (DCPU).
5	Check of output of DC 3.3 V to PRCB <Check procedure> Check voltage across a PRCB pin and GND when the power switch is turned ON. <ul style="list-style-type: none"> Voltage across CN5PRCB-7, 8 and GND DC0 V when the power switch is OFF DC3.3 V when the power switch is turned ON 	NO	<ul style="list-style-type: none"> Change power supply unit (DCPU)
6	Check of output of DC3.3 V to control panel <Check procedure> Check voltage across a PRCB pin and GND when the power switch is turned ON. <ul style="list-style-type: none"> Voltage across P103PRCB-8, 9 and GND DC0 V when the power switch is OFF DC3.3 V when the power switch is turned ON 	NO	<ul style="list-style-type: none"> Change printer control board (PRCB). Change DC power supply (DCPU)
		YES	<ul style="list-style-type: none"> Change control panel.