

*Make sure necessary tests will be carried out on your end equipment with the power supply installed in accordance with any required EMC/EMI regulations.

MODEL	FETA7000ST-48	FETA7000ST-144
MAX OUTPUT WATTAGE[W] *1	7113	7488
DC OUTPUT	48V 148.2A	144V 52A

SPECIFICATIONS

000ST-144	
- 320V. Refer to instruction manual 4.2)	
lo=100%)	
ent) (More than 10 sec. to re-start)	
)	
48 144 Output derating is required at ACIN 320V or less (refer to instruction manual 4.2)	
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58.4 *8	
58.4 *8 17	
Works over 105% of rating (Recovers automatically, Intermittent overcurrent)	
(Output voltage shuts down when the output voltage continuously drops due to overcurrent protection.) *9 56 - 60 168 - 180	
10	
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in (At room temperature)	
in (At room temperature)	
(At room temperature)	
(At room temperature)	
-10 to +60°C (Output derating is required), 20 - 90%RH (Non condensing), 3,000m (10,000 feet) max -20 to +75°C, 20 - 90%RH (Non condensing), 9,000m (30,000 feet) max	
ng X, Y and Z axis	
32-A, VCCI-A with an external EMI/EMC filte	
(refer to External Component (EMI/EMC Filter)) Complies with IEC61000-3-2 (classA) *10	
1kg max	
current changes quickly (< 200msec), the output volta e setting voltage. ted to higher than 149.82V and the load factor is over 7 current changes quickly (<200msec), the output volta he setting voltage. rotection by shutting down the input voltage and wait ing on AC input again, or turning off the output voltage	
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Ripple and ripple noise is measured on measuring board with capacitor of 22µF within 150mm from the output terminal. Drift is the change in DC output for an eight hour period after a half-hour warm-up at 25°C, *5

remote control. Please contact us about another class. *10 *11 with the input voltage held constant at the rated input/output.

*6

Can't be used above the rated output current and the rated output power. When the output voltage is adjusted to higher than 49.92V and the load factor is over 70% *7

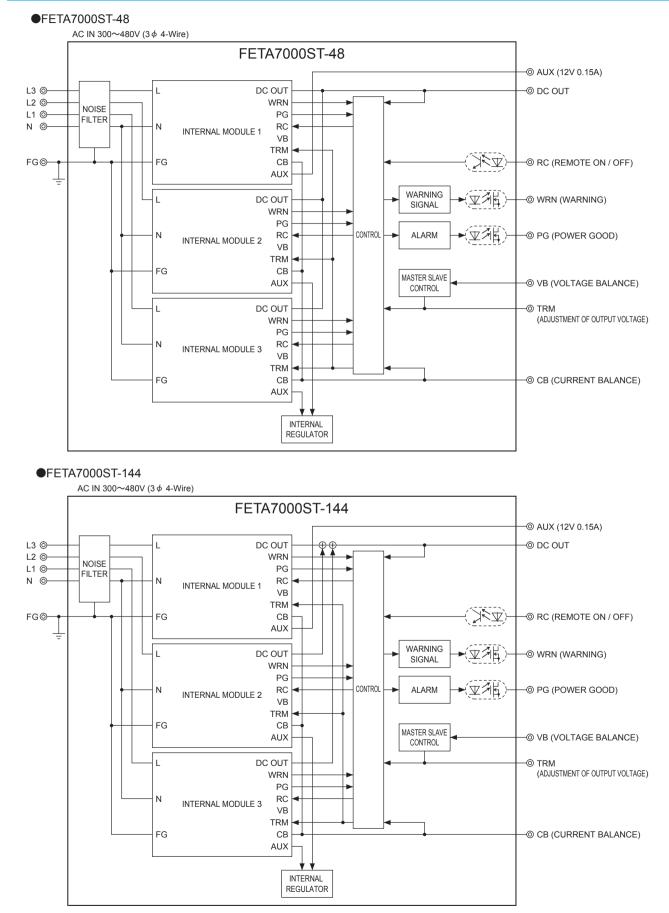
Case size contains neither the terminal blocks, connector and screw.

To meet the specifications, do not operate over-loaded condition.

A sound may occur from power supply at peak loading.

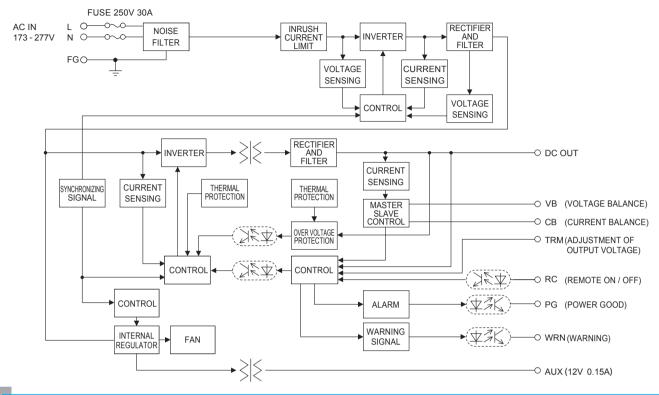
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Block diagram

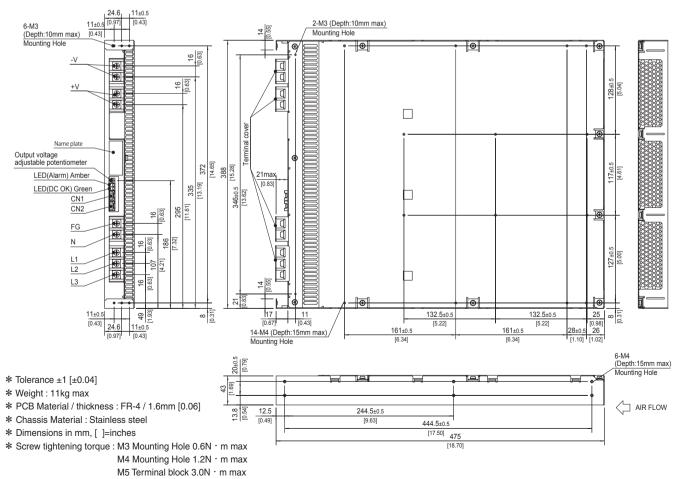


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Block diagram of internal module



External view



* Please connect safety ground to FG terminal on the unit.

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Cosel: <u>FETA7000ST-144</u> <u>FETA7000ST-48</u>