



>>> Under Development



## KEY FEATURES

- Complies with IEC/UL 62368-1 standard
- 54Vdc PSU meets IEEE 802.3af/at/bt standard
- Wide operation temperature from -40°C to +65/60°C
- High efficiency (more than 90/94%)
- AC input plug changeable for waterproof
- Fanless cooling design
- Japanese capacitors improve PSU reliability



## SPECIFICATION

Model Name		TG22-0250-12	TG22-0250-54
Output	Rated Power	250 W @-40~+35°C	250 W @-40~+50°C
	Derating Power	125 W @50% Load, 65°C	180 W @72% Load, 60°C
	Output Voltage	12 Vdc	54 Vdc
	Maximum Output Current	20.8 A	4.63 A
	Over Current Limit	≤ 27A	≤ 6.6 A
	Minimum Output Current	0 A	0 A
	Ripple & Noise	≤ 120 mV	≤ 200 mV
	Hold Up Time	≥ 10 ms @100% Load	≥ 16 ms @100% Load
Input	Input Voltage	90~264 Vac	
	Input Frequency	47~63 Hz	
	Power Factor	≥ 0.98 @100% Load	
	Efficiency	≥ 90 % @100% Load, 230Vac, 25°C	≥ 94 % @100% Load, 230Vac, 25°C
	Inrush Current	≤ 100 A @240Vac/50Hz, 25°C	
EMC	Surge	4KV (L/N-G), 2KV (L-N)	
	EMI	EN55032	
	ESD	IEC61000-4-2	
Environmental	Operating Temperature	-40~+65 °C	-40~+60 °C
	Storage Temperature	-40~+85 °C	
	Operating Humidity	10~90 %RH	
	Storage Humidity	5~95 %RH	
	Operating Altitude	≤ 5,000 m	
Others	Dimension (W x L x H)	94 x 203 x 55 mm (3.7 x 8 x 2.17 inch) ; 2U	
	Mean Time Between Failures	≥ 1,000,000 hours	≥ 2,000,000 hours
	Certifications	Meets CB, TÜV, UL/cUL	

\*Specifications are subject to change without notice

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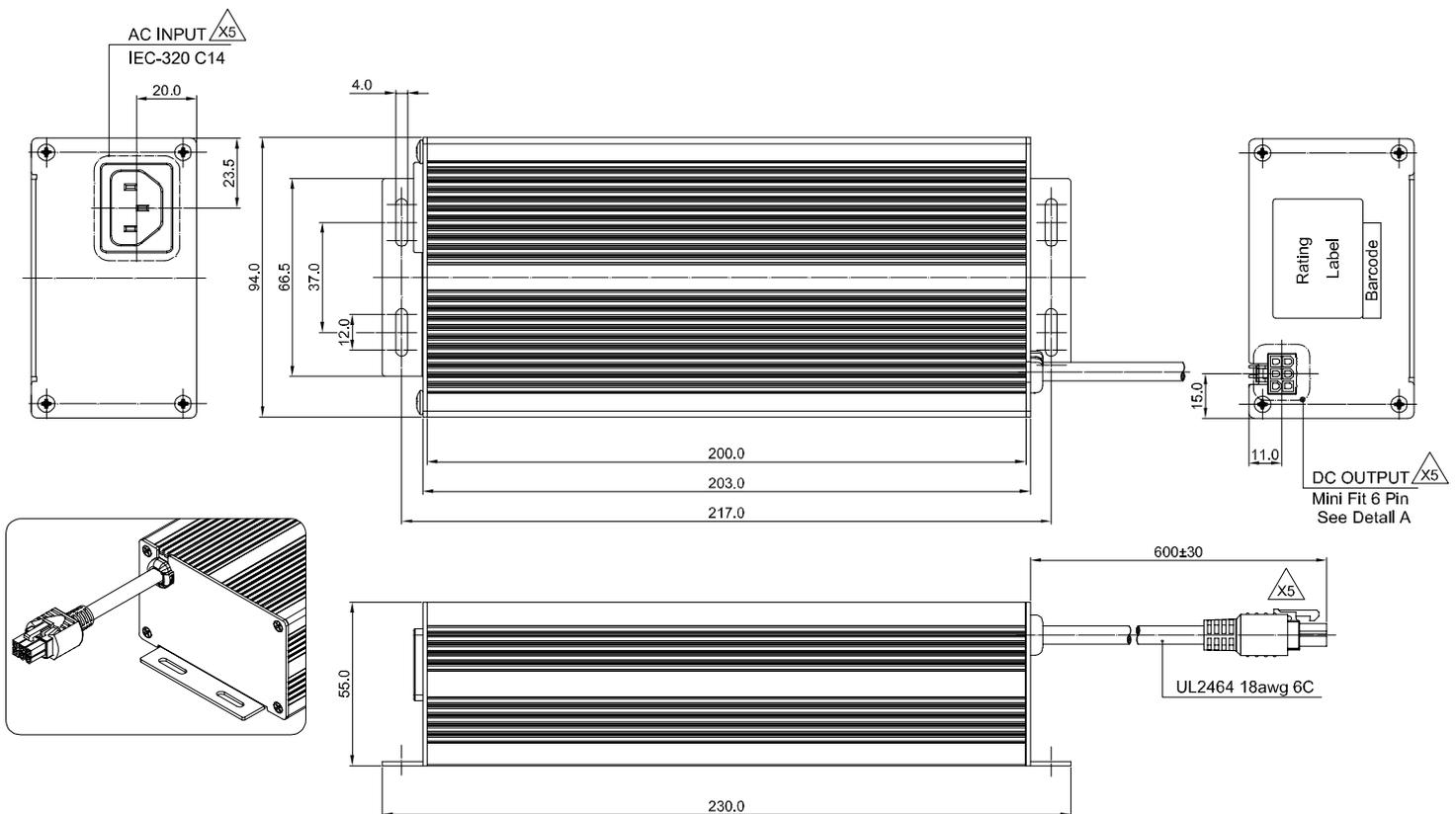


## APPLICATION

- Networking



## MECHANICAL SPECIFICATION



Unit: mm

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