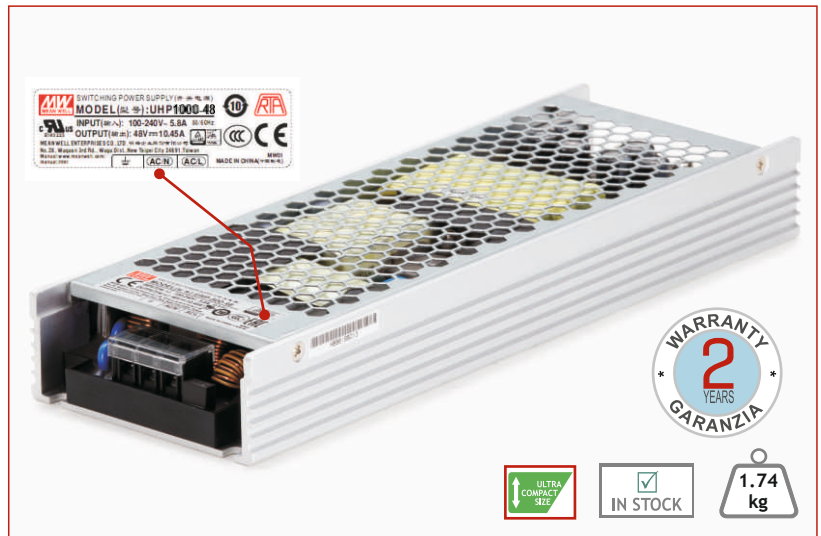


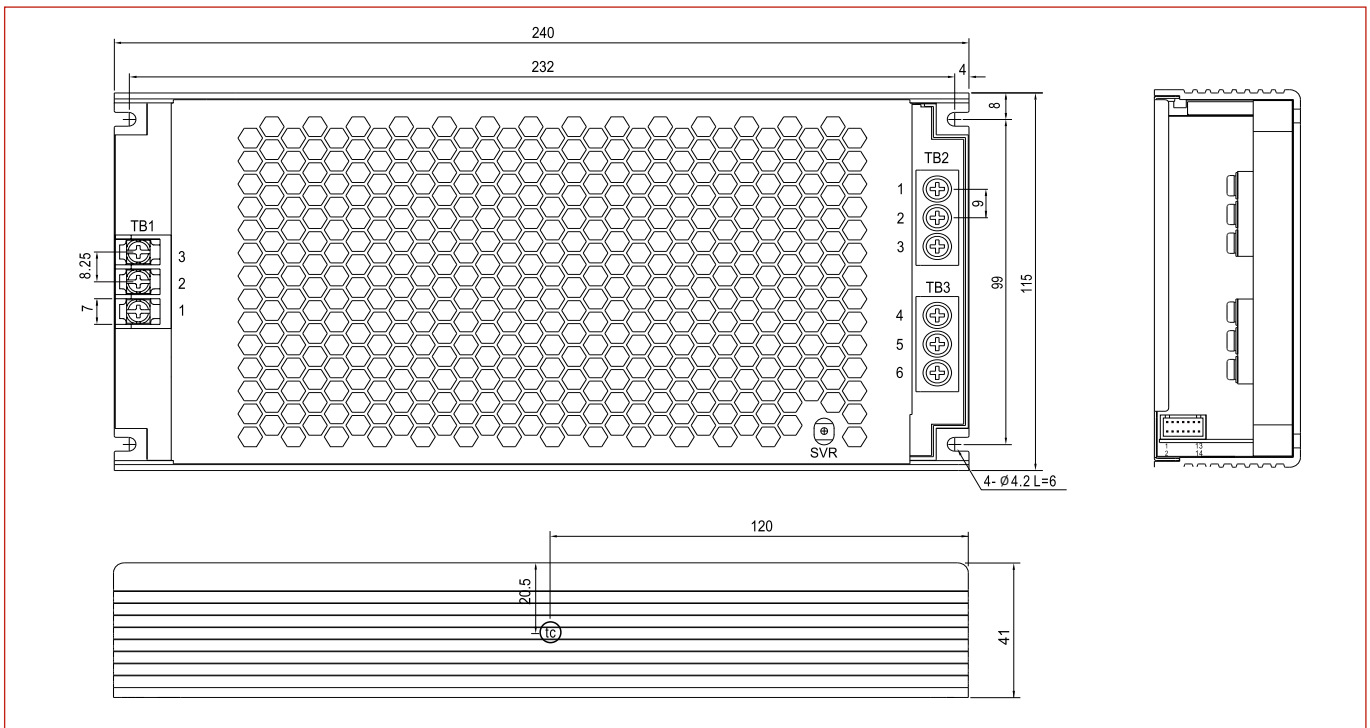
## R-UHP 1000-48 SWITCHING POWER SUPPLY

### Main Features

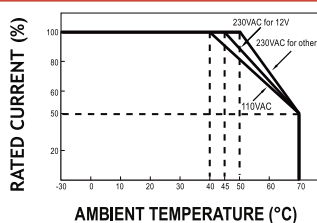
- 21 A output - 48 VDC
- AC input voltage range:90~264 VAC
- -30~+70 °C ambient temperature
- Protections: Short Circuit, Overload, Over Voltage, Over Temperature
- V<sub>DC\_OK</sub> signal active
- Led indicator for power on
- Warranty: 24 months



### Dimensions (Units:mm)



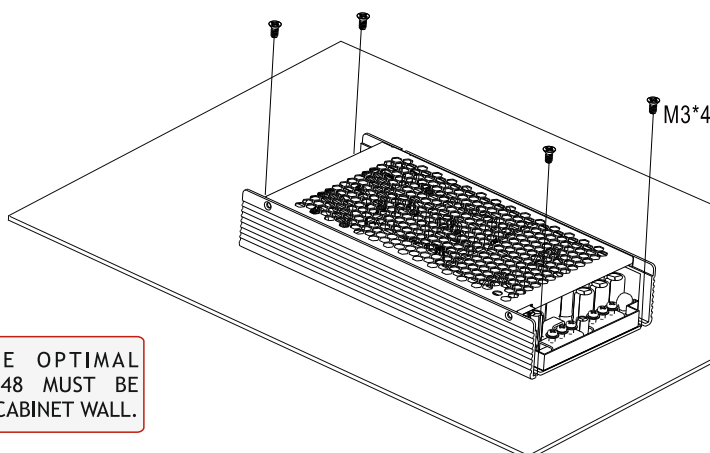
### MORE INFO



## Specifications

<b>MODEL</b>		<b>R-UHP 1000-48</b>
<b>OUTPUT</b>	DC VOLTAGE	48V
	RATED CURRENT	21A
	RATED POWER	1008W
	VOLTAGE ADJ. RANGE	48 ~ 57.6V
	VOLTAGE TOLERANCE Note.	±1.0%
	LINE REGULATION	±0.5%
	LOAD REGULATION	±0.5%
<b>INPUT</b>	VOLTAGE RANGE Note.3	90 ~ 264VAC    127 ~ 370VDC
	FREQUENCY RANGE	47 ~ 63Hz
	EFFICIENCY	96%
	AC CURRENT (Typ.)	10.1A/115VAC    5.3A/230VAC
<b>PROTECTION</b>	OVERLOAD	105 ~ 120% rated output power Protection type: Constant current limiting with delay shutdown after 3 seconds, re-power to cover
	OVER VOLTAGE	59 ~ 66 V Protection type: Shut down O/P voltage, re-power on to recover
	OVER TEMPERATURE	Protection type: Shut down O/P voltage, recovers automatically after temperature goes down
<b>FUNCTION</b>	DC_OK SIGNAL(Optional)	The TTL signal out, PSU turn on=4.5 ~ 5.5V; PSU turn off= -01 ~ 0.5V
<b>ENVIRONMENT</b>	WORKING TEMP.	-30 ~ +70 °C (Refer to «Derating Curve»)
	WORKING HUMIDITY	20 ~ 90% RH non-condensing
	VIBRATION	10 ~ 500Hz, 5G 10min./1cycle, 60min. each along X, Y, Z axes
<b>SAFETY &amp; EMC (Note.5)</b>	SAFETY STANDARDS	UL62368-1, TUV BS EN/EN62368-1, EAC TP TC 004 approved; design refer to BS EN/EN61558-1, BS EN/EN60335-1
	WITHSTAND VOLTAGE	I/P-O/P:3 75KVAC    I/P-FG:2KVAC    O/P-FG:1 25KVAC
	ISOLATION RESISTANCE	I/P-O/P, I/P-FG, O/P-FG:100M Ohms/500VDC/25 °C/70%RH
	EMC EMISSION	Compliance to EN55032,GB9254,Class B, EN55014,EN61000-3-2,-3,EAC TP TC 020
	EMC IMMUNITY	Compliance to EN61000-4-2,3,4,5,6,8,11;EN61000-6-2 (EN50082-2), heavy industry level ,criterial A, EAC TP TC020
<b>OTHERS</b>	MTBF	218.86K hrs min. Telcordia SR-332 (Bellcore); 69.81K hrs min. MIL-HDBK-217F(25 °C)
<b>NOTE</b>	<ol style="list-style-type: none"> <li>1. All parameters NOT specially mentioned are measured at 230 VAC input, rated load and 25 °C ambient temperature.</li> <li>2. Tolerance: includes set up tolerance, line regulation and load regulation.</li> <li>3. Please check the derating curve for more details.</li> <li>4.The ambient temperature derating of 5 °C /1000m is needed for operating altitude greater than 2000m (6500ft).</li> <li>5. The power supply is considered a component which will be installed into a final equipment. The final equipment must be re-confirmed that is still meets EMC directives.</li> </ol>	

## Mounting



IN ORDER TO ASSURE OPTIMAL DISSIPATION, R-UHP 1000-48 MUST BE INSTALLED ON ELECTRICAL CABINET WALL.