



240 Watt, KL Series, Ultra Slim DIN Rail Power Supply

- Universal AC Input
- High Efficiency 90%, High Reliability
- Wide Temperature Range -20 to +70 °C
- Power On LED, Output Voltage Trim
- Over Load, Over Voltage Protected
- Full Approvals: UL/cUL/EN/CE
- 5 Year Warranty
- Ultra Compact only 50mm Wide
- Competitive Pricing



Specification

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Input Voltage (Universal).....	85~264 VAC
Input Frequency.....	47~63 Hz
Inrush Current.....	Cold start, 20A @ 115 VAC, 40A @ 230 VAC
Input Current.....	2.4 A @ 115 VAC, 1.3 A @ 230 VAC
Power Factor.....	0.90 @ 230VAC, 0.98 @ 115 VAC (full load)
Load Regulation.....	24 Volt unit Max 150mV, 48 Volt unit Max 300mV
Line Regulation.....	24 Volt unit Max 96mV, 48 Volt unit Max 192mV
Leakage Current.....	<0.75 mA @ 240 VAC
Output Voltage.....	24 Volts & 48 Volts DC, plus adjustment range
Over Load Protection.....	Works over 105% of rating and recovers automatically
Over Voltage Protection.....	24 Volt = 27.6~33.6 Volts, 48 Volt = 54~67.2 Volts
Start-Up Time.....	500 ms @ 115 VAC full load
Hold Up Time.....	20 ms @ 115 VAC (full load)
Isolation Voltage.....	I/P-O/P: 3 kVAC, I/P-F/G: 2 kVAC, O/P-Gnd: 0.5 kVAC
Operating Temperature.....	-20~+70 °C (see derating curve)
Safety Standards.....	UL508, UL60950-1, C-UL, EN60950-1
EMC Standards.....	Complies with DEN-AN FCC-B, VCCI-B, CISPR22-B, EN55011-B, EN55022-B, IEC61000-3-2 Class A
Dimensions.....	117(D) x 50(W) x 124(H) mm
Weight.....	750g

Output Models

Model	Output	Adj. range	Efficiency
KLEA-240F-24	24.0 V / 10.0 A	21.6 V ~ 26.4 V	90%
KLEA-240F-48	48.0 V / 5.0 A	43.2 V ~ 52.8 V	90%

ALL PSU LTD

Unit D6 | Laser Quay | Culpeper Close | Medway City Estate | Rochester | Kent | ME2 4HU

Tel : 01634 725527

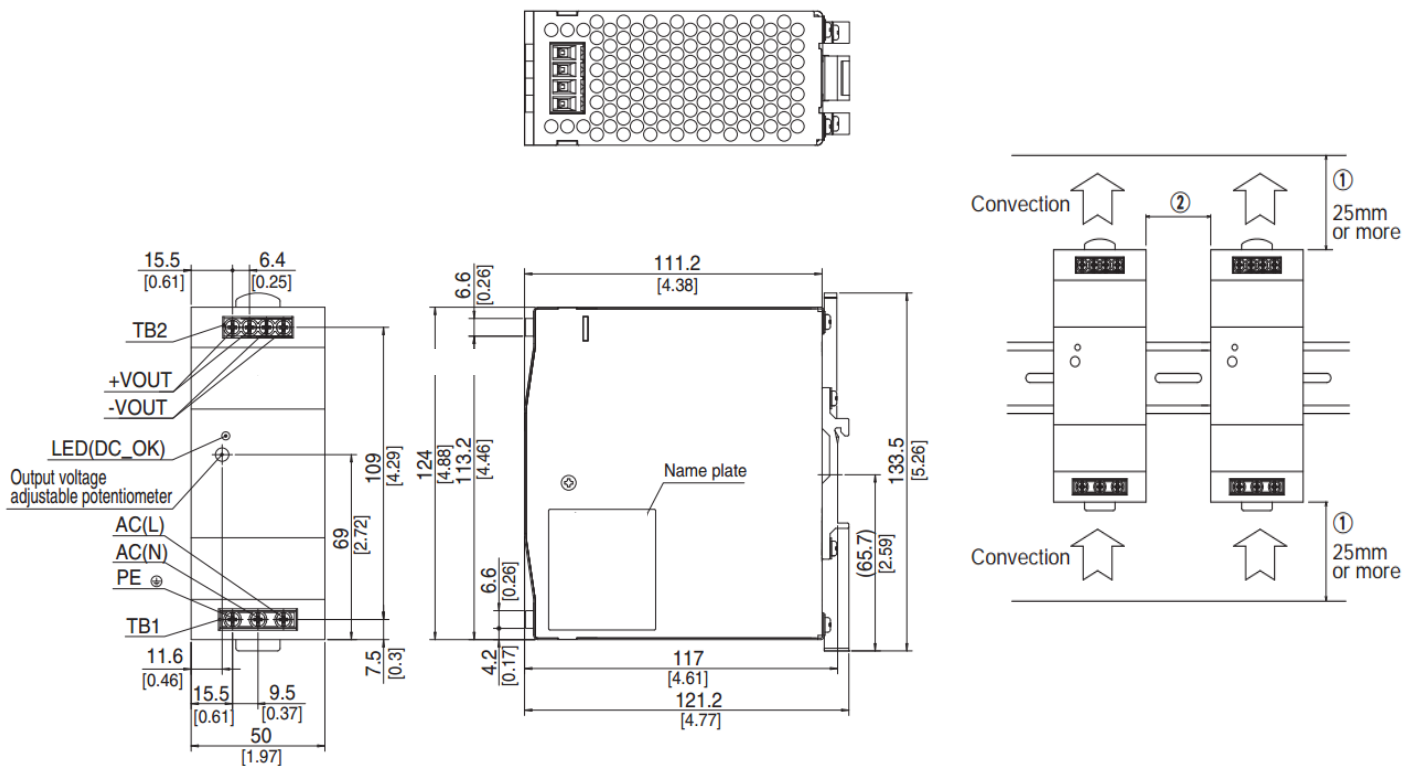
Email : [sales@allpsu.co.uk](mailto:sales@allpsu.co.uk) | Web : [www.allpsu.co.uk](http://www.allpsu.co.uk)



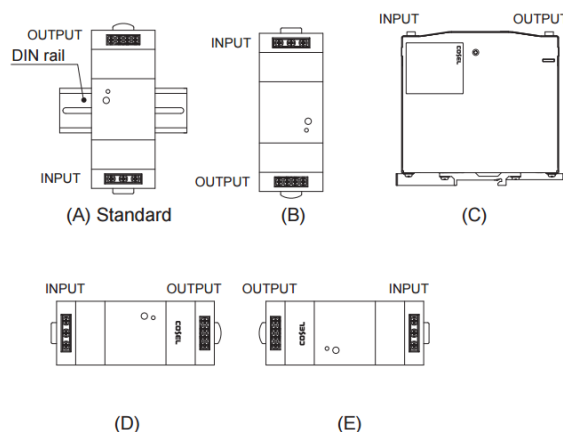
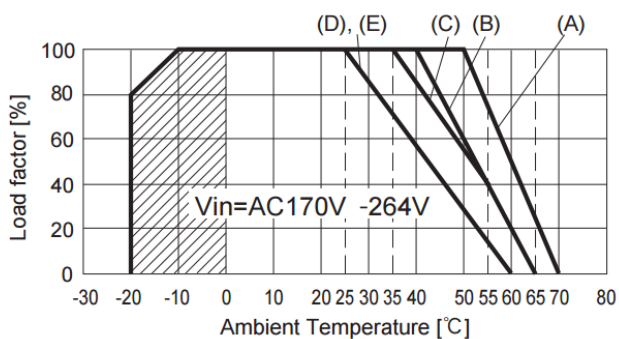
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**Mechanical Drawings & Connection Details**



**Derating Curve:**



Specifications are subject to change without notice, E&OE. ALL PSU Terms & Conditions apply.

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