

Eurocassette Supplies

ENC SERIES

30-100 Watts



- CE Marked - LVD
- Single & Multi Outputs
- 8TE Minimum Width 100 W
- 2 Case Styles
- DC Input Versions Available
- High Reliability
- Adjustable Main Output

SPECIFICATION

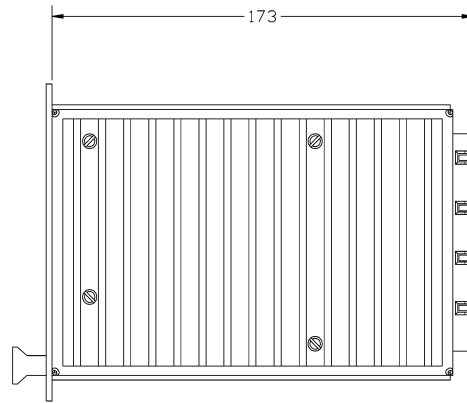
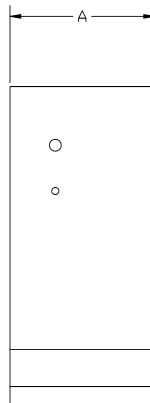
Input Voltage	• 88-264 V AC (30 W models) • 90-132 or 180-264 V AC (60 W & 100 W models) switch select, autoranging option
Input Frequency	• 47-440 Hz
Input Current	• 25 A peak @ 110 V AC, cold start @ 25 °C
Hold Up Time	• 10 ms min. full load 30 W models, 18 ms min. full load 60 & 100 W models
Transients	• 2.5 kV 10 μs line-neutral, 1.5 kV 150 μs line - earth
Output Voltage	• See Tables
Line Regulation	• $\pm 0.2\%$ typical
Load Regulation	• See Tables
Overvoltage Protection	• 115%-125% of Vnom, 5 V output only on multi output models
Efficiency	• 70% typical 30 W models, 80% typical 60 W & 100 W models
Operating Temperature	• 0 °C to 60 °C (Derate 5%/°C from 50 °C to 60°C)
Storage Temperature	• -40 °C to 85 °C
Temperature Coefficient	• 0.02%/°C
EMC	• Conducted noise to EN55022 level B

OUTPUT VOLTAGE & CURRENT RATINGS					
Output Voltage	Current Rating	Load Regulation	Case ⁽⁵⁾ 1	Case ⁽⁵⁾ 2	Model Number
5 V	6.0 A	±1.0%	4TE	-	ENC30US05-C
12 V	2.5 A	±1.0%	4TE	-	ENC30US12-C
24 V	1.25 A	±1.0%	4TE	-	ENC30US24-C
+5 V	4.0 A	±1.0%	4TE	-	ENC30UM01-C
+12 V	0.5 A	±10.0%			
F12 V	0.5 A	±2.0%			
5 V	12.0 A	±0.5%	8TE	10TE	ENC60LS05-C
12 V	5.0 A	±0.5%	8TE	10TE	ENC60LS12-C
24 V	2.5 A	±0.5%	8TE	10TE	ENC60LS24-C
5 V	6.0 A	±0.5%	8TE	10TE	ENC60LM01-C
12 V	3.0 A	±6.0%			
F12 V	1.0 A	±1.0%			
5 V	20.0 A	±0.5%	10TE	12TE	ENC100LS05-C
12 V	8.4 A	±0.5%	8TE	10TE	ENC100LS12-C
24 V	4.2 A	±0.5%	8TE	10TE	ENC100LS24-C
+5 V	12.0 A	±0.5%	10TE	12TE	ENC100LM01-C
+12 V	5.0 A	±6.0%			
F12 V	1.5 A	±1.0%			

NOTES:

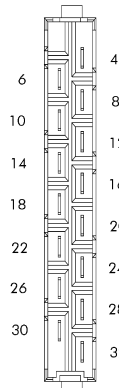
1. Other voltage and current options available.
2. F prefix denotes floating output.
3. Use Case 2 for restricted airflow applications, includes factory fit heatsink.
4. Add suffix '2' to order Case 2.
5. Case 1, part plastic enclosure, Case 2 full metal enclosure.

MECHANICAL DETAILS

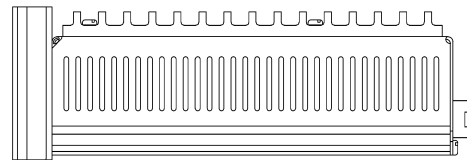


connections - (Din 41612 H15 connector)

Pin No.	Single O/P	Triple O/P
4	-S	-S
6	+S	+S
8	-V01	-V01/-V02
10	-V01	-V01/-V02
12, 14	+V01	+V01
16	AUX	AUX
18	CS*	+V02
20	-	+V03
22	-	-V03
24, 26	-	-
28	Neutral (N)	Neutral (N)
30	Live (L)	Live (L)
32	Earth (E)	Earth (E)



* Optional current share - single output units



DIMENSIONS

Model	Dimension A	Weight
30 W	20.32 mm 4TE	0.35 Kg
60 W	50.80 mm 10TE (max.)	0.75 Kg (max.)
100 W	60.96 mm 12TE (max.)	0.85 Kg (max.)