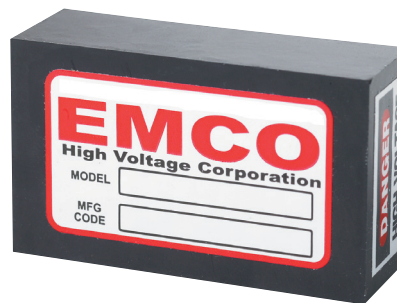


E Series

1.5 - 3 WATTS SINGLE & DUAL OUTPUT DC/DC INDUSTRIAL

Features

- Low ripple
- Low EMI/RFI
- Proportional input/output
- Exceptional reliability
- Compact, PCB mount package



Specifications

INPUT

Voltage See table.

Typical turn-on voltage 0.7V.

OUTPUT

Power 3W.

Voltage See table.

Current See table.

Ripple See table.

Isolation 3,500V +Vout.

Efficiency >60% typ.

Regulation 10% typ.

ENVIRONMENTAL

Operating temperature -10°C to +60°C.

GENERAL

Dimensions 38 x 64 x 22 mm.

Weight 85g.

Packaging Epoxy encapsulated.

Case material Glass-filled Epoxy.

HV output lead #22 AWG, 30KV, Silicon.

OPTIONS

External mounting box Consult your local Powerbox office.

Output center tap

Mounting holes

Alternate pin patterns available

PIN# FUNCTION

1	(+)Input
2	(-)Input
3	(+)Output
4	(-)Output

Selection Table

MODEL RIPPLE NO.	INPUT	INPUT	INPUT	OUTPUT	OUTPUT	
	CURRENT	CURRENT	VOLTAGE	VOLTAGE	CURRENT	
		(NO LOAD)	(FULL LOAD)			
E01	<175mA	<425mA	0 to 12V	0 to ±100V	30mA	0.10%
E02	<125mA	<400mA	0 to 12V	0 to ±200V	15mA	0.25%
E02-5	<125mA	<400mA	0 to 12V	0 to ±250V	12mA	0.02%
E03	<125mA	<400mA	0 to 12V	0 to ±300V	10mA	0.01%
E05	<150mA	<400mA	0 to 12V	0 to ±500V	6mA	0.02%
E06	<175mA	<400mA	0 to 12V	0 to ±600V	5mA	0.02%
E10	<125mA	<400mA	0 to 12V	0 to ±1000V	3mA	0.02%
E15	<125mA	<400mA	0 to 12V	0 to ±1500V	2mA	0.02%
E20	<175mA	<425mA	0 to 12V	0 to ±2000V	1.5mA	0.25%
E30	<175mA	<400mA	0 to 15V	0 to ±3000V	1mA	0.25%
E40	<175mA	<400mA	0 to 15V	0 to ±4000V	0.75mA	0.5%
E50	<175mA	<400mA	0 to 15V	0 to ±5000V	0.6mA	0.5%
E60	<175mA	<400mA	0 to 15V	0 to ±6000V	0.5mA	0.5%
E70	<175mA	<350mA	0 to 15V	0 to ±7000V	0.43mA	1%
E80	<175mA	<300mA	0 to 15V	0 to ±8000V	0.25mA	1%
E101	<175mA	<300mA	0 to 15V	0 to ±10000V	0.2mA	1.5%
E121	<175mA	<300mA	0 to 15V	0 to ±12000V	0.16mA	1.5%

Technical Illustration

