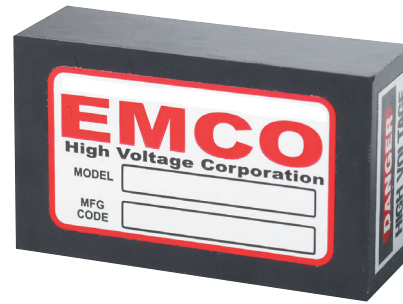


E Series

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

