

EP SERIES 60W WIDE INPUT RANGE

FEATURES

- 33~60W DIL PACKAGE
- WIDE INPUT RANGE
- HIGH EFFICIENCY
- INDUSTRY STANDARD PACKAGE
- 100% BURN IN
- 3 YEARS WARRANTY



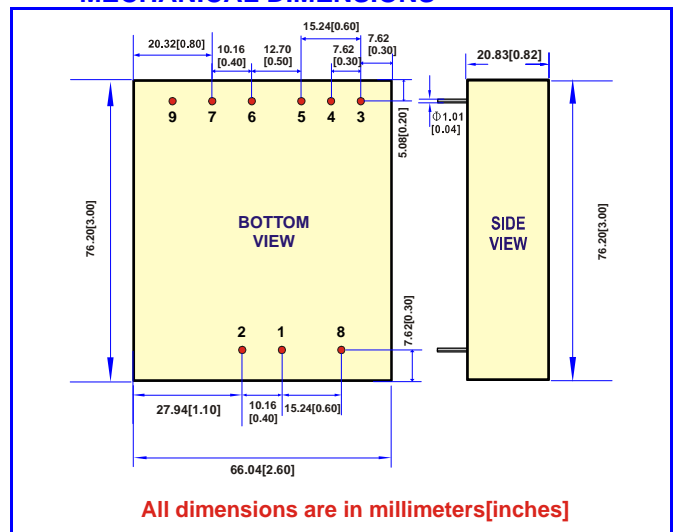
OUTPUT SPECIFICATIONS		INPUT SPECIFICATIONS		GENERAL SPECIFICATIONS	
Voltage Set-point Accuracy	+/-2% max	Input Voltage Range	2:1 4:1 Input Range	Efficiency	80%min
Temperature Coefficient	+/-0.03%/°C	Input Filter	Pi Network	Isolation Voltage	1500 VDC min
Ripple & Noise(20MHz BW)	150mVp-p max	Protection	Fuse Recommended	Isolation Resistance	10 ⁹ ohms min
Line Regulation	+/-0.5% max	ENVIRONMENTAL SPECIFICATIONS		Isolation Capacitance	2500pF max
Load Regulation	+/-0.2% max	Operating Temperature	-25°C to +71°C	Switching Frequency	50KHz min
Minimum Load	10% of Full Load	Storage Temperature	-55°C to +100°C	MTBF	>290,000 Hours
Short Circuit Protection	Continuous	Cooling	Free-Air Convection	Case Material	Six-Side Shielded Case
Over Voltage Protection	Built-in	Humidity	95% max	Potting Material	Epoxy(UL94V-0)

● 2:1 33W~ 60W OUTPUT

MODEL NUMBER	INPUT (VDC)	OUTPUT		EFF (%)	ISOLATION (VDC)
		VOLT. (VDC)	CURRENT (mA)		
EP330-12S3.3	9-18	3.3	1000	80	1500
EP600-12S12	9-18	12	5000	83	1500
EP600-12S15	9-18	15	4000	85	1500
EP600-12S24	9-18	24	2500	86	1500
EP600-12D12	9-18	+/-12	+/-2500	81	1500
EP600-12D15	9-18	+/-15	+/-2000	81	1500
EP330-24S3.3	18-36	3.3	1000	80	1500
EP500-24S05	18-36	5	1000	80	1500
EP600-24S12	18-36	12	5000	86	1500
EP600-24S15	18-36	15	4000	85	1500
EP600-24S24	18-36	24	2500	81	1500
EP520-24S48	18-36	48	1100	81	1500
EP600-24D12	18-36	+/-12	+/-2500	81	1500
EP600-24D15	18-36	+/-15	+/-2000	81	1500
EP330-48S3.3	36-72	3.3	10000	80	1500
EP500-48S05	36-72	5	10000	82	1500
EP600-48S12	36-72	12	5000	80	1500
EP600-48S15	36-72	15	4000	81	1500
EP600-48S24	36-72	24	2500	81	1500
EP600-48D12	36-72	+/-12	+/-2500	81	1500
EP600-48D15	36-72	+/-15	+/-2000	81	1500
EP600-72S12	50-85	12	5000	80	1500
EP500-72S24	50-90	24	2080	84	1500

EP600-412S24	9-36	24	2500	86	1500
EP600-412D12	9-36	+/-12	+/-2500	80	1500
EP600-412D15	9-36	+/-15	+/-2000	80	1500
EP500-424S05	18-72	5	10000	81	1500
EP600-424S09	18-72	9	6667	83	1500
EP600-424S12	18-72	12	5000	86	1500
EP600-424S15	18-72	15	4000	85	1500
EP600-424S24	18-72	24	2500	85	1500
EP600-424D12	18-72	+/-12	+/-2500	84	1500
EP600-424D15	18-72	+/-15	+/-2000	85	1500

● MECHANICAL DIMENSIONS



4:1 50W~60W OUTPUT

EP500-412S05	9-36	5	10000	80	1500
EP600-412S12	9-36	12	5000	83	1500
EP600-412S15	9-36	15	4000	85	1500
EP600-412S18	9-36	18	3330	86	1500

PIN	1	2	3	4	5	6	7	8
SINGLE	+Vin	-Vin	NC	Trim	NC	+Vout	-Vout	Remote
DUAL			+Vout	Com.	-Vout	NC	NC	On/Off