DC-DC CONVERTERS

High Efficiency Power Solutions

POWER STAX PLC

www.powerstaxplc.com

500W DC-DC CONVERTERS

Part Ref:	Amps (max) / Outputs	Input Range	Output 1 (VDC)	Dims. HxWxD mm (inch)
F501	40	18 - 36	48, 28*, 24*,15*	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)
F501	40	36 - 75	48, 28, 24,15	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)

The patented topology of the Powerstax F501 series provides 500W of power with outstanding power density (90w/in³ / 5.5cm³) and exceptional efficiency of greater than 90% in a compact industry standard "full brick" size package.

With a comprehensive range of features and functions, the versatile F501 is also available as a STEP-UP converter - boosting output voltage from a lower input e.g. 12V input, up to 24V output. International safety approvals include the new UL60950-1 standard.

** 450W only -see section below*

Powerstax F501
500W DC-DC Converter

300 - 450W

Part Ref:	Amps (max) / Outputs	Input Range	Output 1 (VDC)	Dims. HxWxD mm (inch)
F501	37.5	18 - 36	28, 24, 15, 12	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)
F351	30	11 - 18	48, 42, 28, 24,12	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)

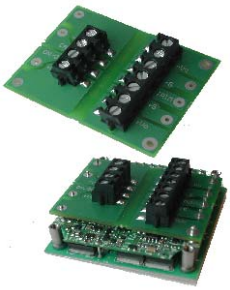
200 - 300W

Part Ref:	Amps (max) / Outputs	Input Range	Output 1 (VDC)	Output 2 / 3 (VDC)	Dims. HxWxD mm (inch)
MH Series	13.4	10-20, 10-32, 18-36, 36-75, 20-60	48(6.3A), 28(10.8A) 24(12.5A) 15(13.4) 12(12.5)		76.2 x 76.2 x 13.5 (3.0 x 3.0 x 0.53)
HB Series	30	36 - 75	7.5(27A), 5(40A), 3.3(60A) , 2.5(60A), 1.8(80A), 1.5(80A)		61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
HB Series	DUAL	36 - 75	7.5(15A) 5(20A)	3.3 (30A)	61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
F203 (200w max)	TRIPLE	36 - 75, 18 - 36	5	±15, ±12	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)


Powerstax H201 Half Brick DC-DC Converter for Power-over-Ethernet Applications

75 - 200W

Part Ref:	Amps (max) / Outputs	Input Range	Output 1 (VDC)	Output 2 / 3 (VDC)	Dims. HxWxD mm (inch)
H201	40	36 - 75	3.3, 2.5, 2.0, 1.8, 1.5		61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
Q201	40	36 - 75	3.3, 2.5, 2.0, 1.8, 1.5		61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
H301	60	36 - 72	2.5, 2.0, 1.8, 1.5		61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
H251	50	36 - 75	3.3, 1.8		36.8 × 58.4 × 12.7 (1.45 × 2.3 × 0.5)
HB Series	DUAL	9-18, 18-36, 36-75, 10-30, 20-60	5(15A max), 3.3(12A max)	2.5, 1.8 (40A max)	61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
HB Series	TRIPLE	9-18, 18-36, 36-75, 10-30, 20-60	2.5 (35A)	13 (4A)	61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)


Powerstax Quarter Brick DC-DC Converter complete with Terminal Adaptor Ref: ZTAH

50 - 75W (SINGLE & DUAL)

Part Ref:	Input Range	Output 1 (VDC and Amps)	Output 2 (VDC and Amps)	Dims. HxWxD mm (inch)
DH Series	18-36, 36-75, 18-75	80(0.63A), 60(0.84A), 48(1.04A), 15(3.4A) 12(4.2A), 10(5A), 5(10A), 3.3(16A), 2.5(20A), 1.8(25A), 1.5(25A), 1.2(25A)		55.9x40.7x11.5 (2.20×1.60×0.45)
E121	36 - 75	1.2(25A), 2.5(20A)		58.4x22.7x10.2 (2.30×0.896×0.40)
E071	36 - 75	3.3(15A), 2.5(15A), 1.8(15A)		58.4x22.7x10.2 (2.30×0.896×0.40)
Q051	36 - 75	6.5(11.5A), 5.0, 3.3, 2.5, 2.0, 1.8, 1.5		36.8 × 58.4 × 12.7 (1.45 × 2.3 × 0.5)
E051	36 - 75	5.0(10A) , 3.3(10A)		58.4x22.7x10.2 (2.30×0.896×0.40)
H051	36 - 75	15(10A), 12(10A) , 5.0(10A) , 3.3(10A)		61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
HS Series	9-18, 18-36, 36-75	24(2.5A), 15(4A), 12(5A), 9(6.7A), 5(10A) , 3.3(10A)		102x40.7x13.2 (4.00x1.60×0.52)
DH Series	18-36, 36-75, 18-75	±15(1.67A),±12(2.10A), 10(2.5A), ±5(5A)	DUAL (bipolar)	50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)
DH Series	18-36, 36-75, 18-75	5(5A), 3.3(8A), 2.5(10A), 1.8(12.5A), 1.5(12.5A), 1.2(12.5A)	5 (10A), 3.3 (10A), 2.5 (10A), 1.8 (10A), 1.5 (10A), 1.2 (10A)	50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)
MH Series	10-20, 10-32, 18-36, 36-75, 20-60	+15(1A)/+5V(5A), +12(1A)/+5V(6A),	+15 (1A) / +5V (5A), +12 (1A) / +5V (6A)	76.2 x 76.2 x 13.5 (3.0 x 3.0 x 0.53)

50 - 75W (TRIPLE & QUAD)

Part Ref:	Input Range (VDC)	Output 1 (VDC)	Output 2 (VDC)	Output 3 (VDC)	Output 4 (VDC)	Dims. HxWxD mm (inch)
DH Series	18-36, 36-75, 18-75	12(2.5A), 5(2.5A), 3.3(2.5A), 2.5(2.5A), 1.8(2.5A), 1.5(2.5A)	±15(0.84A), ±12(1A), ±10(1.25A) ±5(2.5A)	±15(0.84A), ±12(1A), ±10(1.25A) ±5(2.5A)		50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)
DH Series	18-36, 36-75, 18-75	±5(2.5A)	±5(2.5A)	±24(0.5A), ±15(0.84A), ±12(1A) ±10(1.25A)	±24(0.5A), ±15(0.84A), ±12(1A) ±10(1.25A)	50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3) 55.9x40.7x11.5 (2.20×1.60×0.45)

25 - 50W

Part Ref:	Input Range (VDC)	Output 1 (VDC and Amps)	Output 2 (VDC)	Output 3 (VDC)	Output 4 (VDC)	Dims. HxWxD mm (inch)
E121	36 - 75	3.3(15A), 2.5(15A), 1.8(15A), 1.2(25A),				58.4x22.7x10.2 (2.30×0.896×0.40)
DH Series	18-36, 36-75, 18-75	80(0.63A), 60(0.84A), 48(1.04A), 15(3.4A), 2(4.2A), 10(5A), 5(10A), 3.3(16A), .5(20A), 1.8, 1.5, 1.2				50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3) 55.9x40.7x11.5 (2.20×1.60×0.45)
Q051	36 - 75	6.5(11.5A), 5.0(15A), 3.3(15A), 2.5(15A), 2.0(15A), 1.8(15A), 1.5(15A)				36.8 × 58.4 × 12.7 (1.45 × 2.3 × 0.5)
E051	36 - 75	5.0(10A), 3.3(10A)				58.4x22.7x10.2 (2.30×0.896×0.40)
H051	36 - 75	15 (3.33), 12(4.17), 5.0(10), 3.3(10 & 8)				61.0 x 57.9 x 12.7 (2.28 x 2.4 x 0.5)
H/HSSeries	9-18, 18-36, 36-75	24(2.5A), 15(4A), 12(5A), 9(6.7A), 5(10A), 3.3(10A)				101 x 40.6 x 13.2 (4.0 x 1.125 x 0.52)
DH Series	18-36, 36-75, 18-75	±15(1.67A), ±12(2.10A), 10(2.5A), ±5(5A)	DUAL (bipolar)			50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)
DH Series	18-36, 36-75, 18-75	5(5A), 3.3(8A), 2.5(10A), 1.8, 1.5 & 1.2(all 12.5A)	5(10A), 3.3(10A), 2.5(10A), 1.8, 1.5 & 1.2(all 10A)			50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)
DH Series	18-36, 36-75, 18-75	12(2.5A), 5(2.5A), 3.3(2.5A), 2.5(2.5A), 1.8(2.5A), 1.5(2.5A)	±15(0.84A), ±12(1A), ±10(1.25A) ±5(2.5A)	±15(0.84A), ±12(1A), ±10(1.25A) ±5(2.5A)		50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)
DH Series	18-36, 36-75, 18-75	±5(2.5A)	±5(2.5A)	±24(0.5A), ±15(0.84A), ±12(1A) ±10(1.25A)	±24(0.5A), ±15(0.84A), ±12(1A) ±10(1.25A)	50.8 x25.4 x 7.62 (2.0 x 1.0 x 0.3)

15 - 25W SINGLE OUTPUT

Part Ref:	Input Range (VDC)	Output 1 (VDC and Amps)	Dims. HxWxD mm (inch)
MH Series	9-18, 18-36, 36-75	15(2A), 12(2.5A), 5(5A), 3.3(5.5A)	50.8 x 40.6 x 10.2 (2.0×1.6×0.40)
C021	36 - 75	5(5A), 3.3 (6A)	50.8 x 25.4 x 12.5 (2.0 x 1.0 x 0.50)
FH Series	10-15, 20-30, 40-60	48(320mA)	51 x 51 x 9.2 (2.0 × 2.0 × 0.36)
FH Series	10-15, 20-30, 40-60	110(130mA)	51 x 51 x 9.2 (2.0 × 2.0 × 0.36)
E Series	10-36, 18-75	24(0.63A), 15(1A), 12(1.25A), 5(3A), 3.3(4A)	50.8 x 40.64 x11.7 (2.0 x 1.6 x 0.46)
F Series	9-18, 18-36, 36-75	24(0.85A), 15(1.34A), 12(1.67A), 5(4A), 3.3(4A)	50.8 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
F Series	10-36, 18-75,	24(0.63A), 15(1A), 12(1.25A), 5(3A), 3.3(3A)	50.8 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
D Series	9-18, 18-36, 36-75	24(0.6A), 15(1A), 12(1.25A), 5(3A), 3.3(3A)	50.8 x 25.4 x 10.2 (2.0 x 1.0 x 0.40)
D Series	10 - 36, 18 - 75	24(0.42A), 15(0.65), 12(0.85A), 5(2A), 3.3(2A)	50.8 x 25.4 x 10.2 (2.0 x 1.0 x 0.40)

15 - 25W DUAL & TRIPLE

Part Ref:	Input Range (VDC)	Output 1 (VDC and Amps)	Output 2 (VDC)	Output 3 (VDC)	Dims. HxWxD mm (inch)
E Series	10-36, 18-75	±15(0.5A), ±12(0.63A), +5(2A), ±5(1.5A)	±24(0.32A) ±15(0.5A) ±12(0.63A) +5(2A), ±5(1.5A)		50.8 x 40.64 x 11.7 (2.0×1.60×0.46)
F Series	9-18, 18-36, 36-75, 10-36, 18-75	±15(0.67A max), ±12(0.83A max), +5(1.5A), ±5(2A)	±24(0.32A) ±15(0.67A) ±12(0.83A), ±5(2A)		51 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
D Series	9-18, 18-36, 36-75, 10-36, 18-75	±15(0.50A max), ±12(0.65A max), +5(1.5A)	±15(0.50A max), ±12(0.65A max), ±12(0.63 max)		50.8 x 25.4 x 10.2 (2.0 × 1.0 × 0.40)
E Series	10-36, 18-75	+5(2A), +3.3(2A)	±15(0.25A), ±12(0.32A	±15(0.25A), ±12(0.32A)	50.8 x 40.64 x 11.7 (2.0×1.60×0.46)
F Series	9-18, 18-36, 36-75, 10-36, 18-75	+5(2A max)	±15(0.34A), ±12(0.42A)	±15(0.34A), ±12(0.42A)	51 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
D Series	9-18, 18-36, 36-75, 10-36, 18-75	+5(1.5A max)	±15(0.25A), ±12(0.32A)	±15(0.25A), ±12(0.32A)	50.8 x 25.4 x 10.2 (2.0 × 1.0 × 0.40)

UP TO 15W

Part Ref:	Input Range (VDC)	Output 1 (VDC and Amps)	Output 2 (VDC)	Output 3 (VDC)	Dims. HxWxD mm (inch)
E Series	10-36, 18-75	24(0.63A), 15(1A), 12(1.25A), 5(3A), 3.3(4A)			50.8 x 40.64 x11.7 (2.0 x 1.6 x 0.46)
F Series	9-18, 18-36, 36-75	24(0.85A), 15(1.34A), 12(1.67A), 5(4A), 3.3(4A)			50.8 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
F Series	10-36, 18-75,	24(0.63A), 15(1A), 12(1.25A), 5(3A), 3.3(3A)			50.8 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
D Series	9-18, 18-36, 36-75	24(0.6A), 15(1A), 12(1.25A), 5(3A), 3.3(3A)			50.8 x 25.4 x 10.2 (2.0 x 1.0 x 0.40)
D Series	10 - 36, 18 - 75	24(0.42A), 15(0.65), 12(0.85A), 5(2A), 3.3(2A)			50.8 x 25.4 x 10.2 (2.0 x 1.0 x 0.40)
CH Series	10-20, 18-36, 36-75, 10-30, 20-60	48(0.27A), 32(0.40A) 24(0.54A), 28(046A), 15(0.87A), 12(1A), 9(1.5A), 7.5(1.8A), 5(2.6A), 3.3			30.5 x 19 x 8.2 (1.2 x 0.75 x 0.32) 31.8 x 20.3 x 10.2 (1.25 x 0.80 x 0.40)
MB47WG	9-18, 18-36, 36-72	15, 12, 9, 5, 3.3 (max 13W)			25.4 x 50.8 x 11 (1.0 x 2.0 x 0.43)
MB42WG	9-18, 18-36, 36-72	15, 12, 9, 5, 3.3 (max 10W)			25.4 x 50.8 x 11 (1.0 x 2.0 x 0.43)
E Series	10-36, 18-75	±15(0.5A), ±12(0.63A), +5(2A), ±5(1.5A)	DUAL / BIPOLAR		50.8 x 40.64 x11.7 (2.0 x 1.6 x 0.46)
F Series	9-18, 18-36, 36-75, 10-36, 18-75	±15(0.67A max), ±12(0.83A max), +5(1.5A), ±5(2A)	±24(0.32A) ±15(0.67A) ±12(0.83A), ±5(2A)		51 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
D Series	9-18, 18-36, 36-75, 10-36, 18-75	±15(0.50A max), ±12(0.65A max), +5(1.5A)	±15(0.50A max), ±12(0.65A max), ±12(0.63 max)		50.8 x 25.4 x 10.2 (2.0 x 1.0 x 0.40)
CH Series	10-20, 18-36, 36-75, 10-30, 20-60	5(2.6A), 3.3(4A)	5(2.6A), 3.3(4A)		30.5 x 19 x 8.2 (1.2 x 0.75 x 0.32) 31.8 x 20.3 x 10.2 (1.25 x 0.80 x 0.40)
MB42WG	9-18, 18-36, 36-72	15, 12, 9, 5, 3.3 (max 13W)	15, 12, 9, 5, 3.3 (max 13W)		25.4 x 50.8 x 11 (1.0 x 2.0 x 0.43)
MB47WG	9-18, 18-36, 36-72	15, 12, 9, 5, 3.3 (max 10W)	15, 12, 9, 5, 3.3 (max 10W)		25.4 x 50.8 x 11 (1.0 x 2.0 x 0.43)
E Series	10-36, 18-75	+5(2A), +3.3(2A)	±15(0.25A), ±12(0.32A	±15(0.25A), ±12(0.32A)	50.8 x 40.64 x 11.7 (2.0×1.60×0.46)
F Series	9-18, 18-36, 36-75, 10-36, 18-75	+5(2A max)	±15(0.34A), ±12(0.42A)	±15(0.34A), ±12(0.42A)	51 x 50.8 x 10.2 (2.0 x 2.0 x 0.40)
D Series	9-18, 18-36, 36-75, 10-36, 18-75	+5(1.5A max)	±15(0.25A), ±12(0.32A)	±15(0.25A), ±12(0.32A)	50.8 x 25.4 x 10.2 (2.0 × 1.0 × 0.40)
CH Series	10-20, 18-36, 36-75, 10-30, 20-60	5(2.6A max)	15(0.5A), 3.3(4.8A max)	±15(0.5A), 13(0.8A)	30.5 x 19 x 8.2 (1.2 x 0.75 x 0.32) 31.8 x 20.3 x 10.2 (1.25 x 0.80 x 0.40)

POWER STAX PLC

WWW .POWERSTAXPLC.COM

2000W - 6,000W

2U HIGH 19" Rack Mount DC-DC Bulk Power System

The D2000 series (see right) offers a wide range of high efficiency, DC units of up to 2,000W each. When 3 units are mounted in the S6000 rack they provide 6,000W per 2U high 19" rack, or 4,000W with N+1 redundancy.

Measuring 86 x 127 x 357mm (3.39 x 5.0 x 14.1") the superior functionality and features of the Powerstax units provide versatile, expandable systems that are economical, efficient and with the ability to supply **STEP-UP** conversion.

S6000
19" DC rack system
c/w ZBPL-002 Blanking plate and 2 power units
Dims: 88.5 x 480 x 403mm (3.48 x 18.9 x 15.87 in)

Part Ref:	Standard Input Voltage(s)	Standard Output Voltage(s)	Max Power Per Unit	Max Power 2U High S6000 19" Rack
D2000	12 (11 - 18VDC)	12, 15, 24, 28 & 48V	1400W	4,200W
D2000	24 (18 - 36VDC)	12, 15, 24, 28 & 48V	2000W	6,000W
D2000	48 (36 - 75VDC)	12, 15, 24, 28 & 48V	2000W	6,000W

AC-DC and High Voltage

Description	Part Ref:	Max Power (Watts)	Input Range	Output (VDC)	Dims. HxWxD mm (inch)
PFC Module	FP10	1000	180 - 264VAC	300	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)
PFC Module	FP06	600	85 - 264VAC	300	116 x 61.0 x 12.7 (4.6 x 2.4 x 0.5)
High Voltage	MKS Series	500	240 - 420VDC	48, 24, 12	72.2 x 72.2 x 11.2 (2.84 x 2.84 x 0.44)
High Voltage	MK Series	150	240 - 420VDC	3.3 ~ 48 Single to Quad outputs	72.2 x 72.2 x 11.2 (2.84 x 2.84 x 0.44)

ACCESSORIES

Powerstax can provide a wide range of accessories to ensure optimum integration of the DC-DC converters into your power system. Accessories include: Terminal Adaptors (see right) Filters, Heatsinks and much more. Contact Powerstax for full details.

CUSTOM

The Powerstax design and engineering team will design, develop and supply Value-Added and Custom Power Solutions to meet your exact needs.

POWERSTAX engineers possess a wealth of expertise and experience in the research**,** development and manufacture of both AC and DC power solutions. Powerstax operates as an extension to ***YOUR*** design team to produce the fastest, optimum and most cost-effective solution.

ISO9001 approved and using advanced computer aided design and development systems plus in-house production facilities, Powerstax offers designs to meet specific EMC/RFI performance, high density and/or low profile packaging and fault tolerant systems including Hot Swap, Warm Swap and (n+1) redundancy with true power sharing for maximum converter reliability.

Powerstax provides rapid, comprehensive support for all your technical and commercial issues. Our custom power solutions can minimise your power supply development time, reduce your cost and accelerate your time to market.

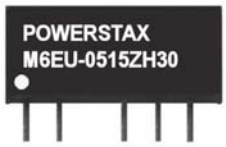
For more details log on to
www.powerstaxplc.com

MINIATURE & POINT OF LOAD

Power (Watts)	Package / Size	Series Ref:	Input (VDC)	Output VDC	Isolation Options (VDC)	Output Single / Dual
0.25	DIP 8	M2BU/E	5, 12, 24	5, 12, 15	1000	S
0.25	SIP 4	M2AU/E	5, 12, 24	5, 12, 15	1000	S
0.5	DIP 8	M3BU/E	5, 12, 24	3.3, 5, 7.2, 12, 15, 18	1000	S
0.5	SIP 8	MD3NG/E2:1	9-18, 18-36, 36-72	3.3, 5, 9, 12, 15 and 24	1000, 3000	S & D
0.5	SIP 4	M3AU/E	5, 12, 24	3.3, 5, 7.2, 12, 15, 18	1000	S
0.6 - 1	DIP 14	M6DG/ZS	5, 12, 24	Dual Split 3, 3.3, 4.85, 5 Regulated	1000	D
0.6 - 1	DIP 14	M6MG/ZS	5, 12, 24	Dual Split 3, 3.3, 4.85, 5 Regulated	3000	D
0.6 - 1	SIP 7	M6CG/ZS	5, 12, 24	Dual Split 3, 3.3, 4.85, 5 Regulated	1000	D
0.6 - 1	SIP 7	M6LG/ZS	5, 12, 24	Dual Split 3, 3.3, 4.85, 5 Regulated	3000	D
0.75	DIP 14	M5MG/E	5, 12, 15	5, 9, 12, 15 Regulated	3000	S
0.75	SIP 7	M5CG/E	5, 12, 15	5, 9, 12, 15 Regulated	500	S
0.75	SIP 7	M5CU/E	5, 12, 15	5, 12, 15	1000	S & D
0.75	SIP 7	M5LU/E	5, 12, 15	5, 12, 15	3000	S & D
1	DIP 8	M6BU/E	5, 12, 15	3.3, 5, 7.2, 12, 15, 18	1000	S & D
1	DIP 8	M6BUI/Z	5, 12, 15	+/+ 3.3, 5, 7.2, 12, 15, 18 Dual Sep.	1000	D
1	DIP 8	M6KU/E	5, 12, 15	3.3, 5, 7.2, 12, 15, 18	3000	S
1	SIP 8	MD6NG/E2:1	9-18, 18-36, 36-72	3.3, 5, 9, 12, 15 and 24	1000, 3000	S & D
1	DIP 14	M6DG/E	5, 12, 24	3, 3.3, 4.85, 5, 9, 12 Regulated	1000	S & D
1	DIP 14	M6DU/E	5, 12, 24, 48	3.3, 5, 7.2, 12, 15, 18	1000	S & D
1	DIP 14	M6MG/E	5, 12, 24	3, 3.3, 4.85, 5, 9, 12 Regulated	3000	S
1	DIP 14	M6MU/E	5, 12, 24	3.3, 5, 7.2, 12, 15, 18	3000, 4000, 5200	S & D
1	DIP 16	MB6FG/E2:1	9-18, 18-36	3.3, 5, 12, 15, 18 Regulated	1000, 3000	S & D
1	SIP 4	M6AU/E	5, 12, 15	3.3, 5, 7.2, 12, 15, 18	1000	S
1	SIP 4	M6IU/E	5, 12, 15	3.3, 5, 7.2, 12, 15, 18	3000	S
1	SIP6	M6EU/Z	5, 12	± 5, 9, 12, 15	3000	D
1	SIP 7	M6CG/E	5, 12, 24	3, 3.3, 4.85, 5, 9, 12 Regulated	1000	S
1	SIP 7	M6CU/E	5, 12, 24, 48	3.3, 5, 7.2, 12, 15, 18	1000	S & D
1	SIP 7	M6CUI/Z	5, 12, 24	+/+ 3.3, 5, 7.2, 12, 15, 18 Dual Sep.	1000	D
1	SIP 7	M6LG/E	5, 12, 24	3, 3.3, 4.85, 5, 9, 12 Regulated	3000	S
1	SIP 7	M6LU/E	5, 12, 24	3.3, 5, 7.2, 12, 15, 18	3000, 4000, 5200	S & D
1	SIP 7	MN6CU/E	5, 12, 24, 48	3.3, 5, 7.2, 12, 15, 18	1000	S
1	SMD	MSD/D	5, 12, 24	± 5, 9, 12, 15	1000	D
1	SMD	MSD/S	5, 12, 24	5, 9, 12, 15	1000	S
1	SMD	MEV/S	5, 12	5, 9, 12, 15	1000	S
1.25	DIP 8	M7BU/E	5, 12, 24	3.3, 5, 7.2, 12, 15, 18	1000	S
1.25	DIP 8	M7BUI/Z	5, 12, 24	++ 3.3, 5, 7.2, 12, 15 Dual Sep.	1000	D
1.5	SIP 12	M8GG/E	5, 12, 15	5, 12, 15 Regulated	1000	S
1.5	DIP 24	M8SG/E	5, 12, 24	3.6, 5, 7.2, 9, 12, 15, 18 Regulated	1000,3000,5200	S & D
1.5	DIP 24	M8TG/E2:1	9-18, 18-36, 36-72	3.3, 5, 12, 15, 18 Regulated	1500	S & D
1.5	DIP 24	M8TG/E2:1H35	9-18, 18-36, 36-72	3.3, 5, 12, 15, 18 Regulated	3500	S & D
1.5	DIP 24	M8TG/E4:1	9-36, 18-72	3.3, 5, 12, 15, 18 Regulated	1500 3500	S & D
1.5	DIP24 M/C	M8SG/EH30M	5, 12, 24	3.6, 5, 7.2, 9, 12, 15, 18 Regulated	3000	S & D
1.5	DIP24 M/C	M8SG/EM	5, 12, 24	3.6, 5, 7.2, 9, 12, 15, 18 Regulated	1000	S
1.5	DIP24 M/C	M8TG/E2:1H35M	9-18, 18-36, 36-72	3.3, 5, 12, 15, 18 Regulated	3500	S
1.5	DIP24 M/C	M8TG/E2:1M	9-18, 18-36, 36-72	3.3, 5, 12, 15, 18 Regulated	1500	S & D
1.5	DIP24 M/C	M8TG/E4:1H35M	9-36, 18-72	3.3, 5, 12, 15, 18 Regulated	3500	S & D
1.5	DIP24 M/C	M8TG/E4:1M	9-36, 18-72	3.3, 5, 12, 15, 18 Regulated	1500	S & D
1.5	DIP24 M/C	M8TG/Z2:1M	9-18, 18-36, 36-72	±3.3, 5, 12, 15, 18 Regulated	1500	D
1.5	DIP24 M/C	M8TG/Z4:1H35M	9-36, 18-72	±3.3, 5, 12, 15, 18 Regulated	3500	D
1.5	DIP24 M/C	M8TG/Z4:1M	9-36, 18-72	±3.3, 5, 12, 15, 18 Regulated	1500	D

MINIATURE & POINT OF LOAD

Power (Watts)	Package / Size	Series Ref:	Input (VDC)	Output VDC	Isolation Options (VDC)	Output Single / Dual
2	SIP 8	MD10NG/E2:1	9-18, 18-36, 36-72	3.3, 5, 9, 12, 15 and 24	1000, 3000	S & D
2	SIP 12	M10GG/E	5, 12, 15	5, 9, 12, 15 Regulated	1000	S
2	DIP 14	M10DU/E	5, 12, 24	5, 12, 15	1000	S & D
2	DIP 14	M10MU/E	5, 12, 24	5, 12, 15	3000	S & D
2	DIP 16	MB10FG/E2:1	9-18, 18-36	3,3, 5, 12, 15, 18 Regulated	1000, 3000	S & D
2	DIP 24	M10SG/E	5, 12, 24	3,6, 5, 7,2, 9, 12, 15, 18 Regulated	1000, 3000, 5200	S & D
2	DIP 24	M10TG/E2:1	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500, 3500	S & D
2	DIP 24	M10TG/E4:1	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500 3500	S & D
2	DIP24 M/C	M10SG/EH30M	5, 12, 24	3,6, 5, 7,2, 9, 12, 15, 18 Regulated	3000	S & D
2	DIP24 M/C	M10SG/EM	5, 12, 24	3,6, 5, 7,2, 9, 12, 15, 18 Regulated	1000, 3000	S & D
2	DIP24 M/C	M10SG/ZH30M	5, 12, 24	± 3,6, 5, 9, 12, 15, 18 Regulated	3000	D
2	DIP24 M/C	M10SG/ZM	5, 12, 24	± 3,6, 5, 9, 12, 15, 18 Regulated	1000	D
2	DIP24 M/C	M10TG/E2:1H35M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
2	DIP24 M/C	M10TG/E2:1M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
2	DIP24 M/C	M10TG/E4:1H35M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
2	DIP24 M/C	M10TG/E4:1M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
2	SIP 4	M10AU/E	5, 12, 24, 48	3,3, 5, 7,2, 9, 12, 15, 18, 24	1000	S
2	SIP 4	M10IU/E	5, 12, 24, 48	3,3, 5, 7,2, 9, 12, 15, 18, 24	3000	S
2	SIP 7	M10CU/E	5, 12, 24	5, 12, 15	1000	S & D
2	SIP 7	M10LU/E	5, 12, 24	5, 12, 15	3000	S & D
3	DIP 24	M14SG/E	5, 12, 24	3,6, 5, 7,2, 9, 12, 15, 18 Regulated	1000, 3000, 5200	S & D
3	DIP 24	M14TG/E2:1	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500 3500	S & D
3	DIP 24	M14TG/E4:1	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500 3500	S & D
3	DIP24 M/C	M14SG/EM	5, 12, 24	3,6, 5, 7,2, 9, 12, 15, 18 Regulated	1000	S & D
3	DIP24 M/C	M14TG/E2:1H35M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
3	DIP24 M/C	M14TG/E2:1M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
3	DIP24 M/C	M14TG/E4:1H35M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
3	DIP24 M/C	M14TG/E4:1M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
4	DIP 24	M18TG/E2:1	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500 3500	S & D
4	DIP 24	M18TG/E4:1	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500 3500	S & D
4	DIP24 M/C	M18TG/E2:1H35M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
4	DIP24 M/C	M18TG/E2:1M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
4	DIP24 M/C	M18TG/E4:1H35M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
4	DIP24 M/C	M18TG/E4:1M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
5	DIP 24	M22TG/E2:1	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500, 3500	S & D
5	DIP 24	M22TG/E4:1	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500, 3500	S & D
5	DIP 24	M22TG/E4:1H35	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated		S & D
5	DIP24 M/C	M22TG/E2:1H35M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
5	DIP24 M/C	M22TG/E2:1M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
5	DIP24 M/C	M22TG/E4:1H35M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
5	DIP24 M/C	M22TG/E4:1M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
6	DIP 24	M26TG/E2:1	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500, 3500	S & D
6	DIP 24	M26TG/E2:1H35	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated		S & D
6	DIP 24	M26TG/E4:1	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500, 3500	S & D
6	DIP24 M/C	M26TG/E2:1H35M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
6	DIP24 M/C	M26TG/E2:1M	9-18, 18-36, 36-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
6	DIP24 M/C	M26TG/E4:1H35M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	3500	S & D
6	DIP24 M/C	M26TG/E4:1M	9-36, 18-72	3,3, 5, 12, 15, 18 Regulated	1500	S & D
2 - 3	DIP 24	MEN3/E2:1	9-18, 18-36, 36-72	5, 12, 15	1500	S & D
3 - 4	DIP 24	MEN4/E4:1	9-36, 18-72	5, 12, 15	1500	S & D
4 - 6	DIP 24	MEN5/E2:1	9-18, 18-36, 36-72	5, 12, 15	1500	S & D
5 - 6	DIP 24	MEN6/E4:1	9-36, 18-72	5, 12, 15	1500	S & D



High Efficiency Power Conversion Technology

Powerstax specialises in the design, manufacture and marketing of high efficiency and high power density DC-DC and AC-DC converters, and complete power solutions.

Powerstax highly experienced management and engineering staff have over 150 years expertise in the power and electronics industries, providing a depth and breadth of capability used to provide innovative solutions for a wide range of applications including, Telecommunications, Industrial Control, Test & Control, Transportation, Avionics, Defence, and Medical markets.

Committed to research, development and design excellence, Powerstax leading edge power conversion technology provides outstanding performance, high reliability and exceptional value, supported by a rapid, competent, and flexible response from our technical & sales staff.

See also the POWERSTAX shortform catalogue for AC-DC products.

Powerstax plc
Head Office
Unit B5, Armstrong Mall
Southwood Business Park
Farnborough, Hampshire
GU14 0NR England
tel: +44 (0)1252 407800
fax: +44 (0)1252 407810
email: sales@powerstaxplc.com
web: www.powerstaxplc.com

North American contact
Technical & Sales
tel: +1 508-853-3682
fax: +1 508-853-5587
email: eastcoast@powerstaxplc.com
web: www.powerstaxplc.com

LLOYD'S REGISTER QUALITY ASSURANCE · ISO9001

POWER STAX PLC

www.powerstaxplc.com