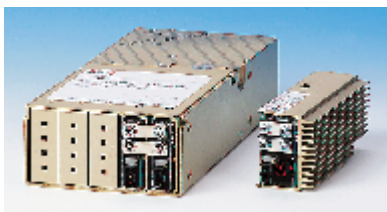


Switch Mode — continued

MVP Series 400-1000W
Single and Multi outputs



- Compact full featured medium power modular unit
- Power factor correction
- Overload, short circuit and reverse voltage protection
- Output voltage adjustment on all outputs, remote sense on all outputs
- Power fail signal
- Status LED indicator
- Forced air cooling, field replaceable fan
- Approvals **UL, CSA, VDE, TUV, BABT, CE**
- Universal input
- Level B EMI filtering
- Output good signals
- Current share on all outputs (rating of 10A or greater)

Input voltage	85 to 264Vac 120 to 350Vdc 47 to 440Hz	Operating temperature	-20°C to +50°C
Frequency		Efficiency	70% - 80%
Output adjustment	10%	Dimensions	600W 63.5 127 254 400W 63.5 127 279.4
Line/Load reg.	0.4% or 20mV max		

Mfrs. List No.	Output 1	Output 2	Output 3	Output 4
MP4-3E-00	5V/80A	—	—	—
MP4-3L-00	12V/33A	—	—	—
MP4-3Q-00	24V/16A	—	—	—
MP4-2E-4L-00	5V/60A	12V/10A	12V/4A	—
MP4-2E-1L-4LE-00	5V/60A	12V/17A	12V/10A	5V/10A
MP4E-1L-4LQ-00	5V/60A	12V/10A	12V/10A	24V/2A
MP6-3E-00	5V/120A	—	—	—
MP6-3L-00	12V/50A	—	—	—
MP6Q-00	12V/24A	—	—	—
MP6-3E-4LL-00	5V/120A	12V/10A	12V/16A	—
MP6-3E-1L-4LE-00	5V/120A	12V/17A	12V/16A	5V/10A
MP6-3E-1L-4LQ-00	5V/120A	12V/17A	12V/16A	24V/2A
MP8-3E-1E-30	5V/160A	—	—	—
MP8-3L-1L-30	12V/66A	—	—	—
MP8-3Q-1Q-30	24V/33A	—	—	—
MP8-3W-1W-30	48V/16A	—	—	—
MP1-3E-2L-30	5V/180A	—	—	—
MP1-3L-2L-30	12V/80A	—	—	—
MP1-3Q-2Q-30	24V/39A	—	—	—

PS152

Mfrs. List No.	Order Code	1+	3+	5+	10+
MP4-3E-00	893-390				
MP4-3L-00	893-407				
MP4-3Q-00	893-419				
MP4-2E-4LL-00	893-420				
MP4-2E-1L-4LE-00	893-432				
MP4E-1L-4LQ-00	893-444				
MP6-3E-00	893-456				
MP6-3L-00	893-468				
MP6Q-00	893-470				
MP6-3E-4LL-00	893-481				
MP6-3E-1L-4LE-00	893-493				
MP6-3E-1L-4LQ-00	893-500				
MP8-3E-1E-30	174-932				
MP8-3L-1L-30	174-944				
MP8-3Q-1Q-30	174-956				
MP8-3W-1W-30	174-968				
MP1-3E-2L-30	321-1769				
MP1-3L-2L-30	321-1770				
MP1-3Q-2Q-30	321-1782				

Single Output
1350 Watt 24 & 48V



H = 127, W = 140, D = 318

- Compact 5" x 5.5" x 12.5"
- Power factor correction
- Universal Input 85 to 264 Vac
- Integral Fan
- Over voltage and current protection
- Thermal protection
- Auxiliary functions include Inhibit, Power fail warning, over temp warning, 5V @100mA bias output
- Remote Sense
- Approval **UL, CSA, EN**

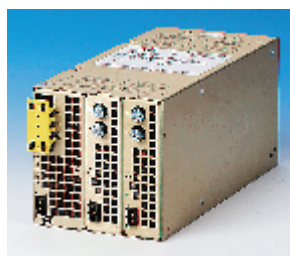


Load Regulation	>10mV, over 0 to 100% load change
Ripple and Noise	60mV Plc to Plc typically
Output adjustment	+/- 10% all units
Operating Temperature	0 to 50°C with de-rating

PS005

Mfrs. List No	Output	Order Code	1+	3+	5+
SMF3D2D1	24V 42A	354-5179			
SMF3G2G1	48V 21A	354-5180			

VS Series 1500W
Single Output



H = 127, W = 127, L = 280

- Compact 5 5 11 in package
- Universal input
- Power factor correction
- Level B EMI filtering
- Overload, short circuit and reverse voltage protection
- Output voltage adjustment, output sense
- Power fail signal
- Output good signals
- Status LED indicator
- Integral fan
- Approvals **UL, CSA, VDE, TUV, CE**
- Logic inhibit

Input voltage	85 to 264Vac	Operating temp.	-10°C to +50°C
Frequency	47 to 440Hz	Efficiency	75% - 82%
Output adjustment	10%	Weight	5.5kg
Line/Load reg.	0.2% or 5mV max		



PS151

Output	Mfrs. List No.	Order Code	1+	3+	5+	10+
24V 62.4A	VS1-L5-00-CE	909-427				
48V 31.9A	VS1-L9-00-CE	909-439				

Flexible Power System



The low profile, 2U high 19" rack mounting power shelf accommodates up to three hot plug, 24V or 48V 400W power modules. A universal input voltage and an integral fan ensure that this compact unit is ideal for a wide range of industrial and telecoms applications. Suitable for battery standby systems.

- Power rack supplied unpopulated but can accommodate up to 3 modules
- 54V (adjustable 40 to 58V), 21A maximum output.
- 27V (adjustable 20 to 36V), 42A maximum output.
- 85 to 264V a.c. single phase input voltage range
- Wide range PFC input.
- High power density in N+1 configuration
- Suitable for battery charging applications
- Safety to **EN60950**
- Complies with **EN61000-3-2** Harmonic Distortion

- Applications
- Telecoms
 - Datacoms
 - Industrial control.
 - Networks.

Input voltage	85 to 264V ac	Load regulation	1% V nominal for 0-100% load
Input current	6A 115V, 3A 230V per module	Line regulation	0.2% V nominal for 85-264V ac
Inrush current	10A max. per module	Ripple and noise	<50mVrms 10Hz-100MHz, 32dBrc 2mVrms psophometric.
Input power	486W Max. per module	Hold up time	20Ms
Power factor	Typically 0.95		
Efficiency	Typically 82%		

PS199

	Order Code	1+	6+	9+
24V 15A	TWF0400H27	309-5678		
54V 7.5A	TWF0400H54	309-5680		
Rack	MR20	309-5691		
Blanking Plate		309-5708		

Desk Top

Portable Equipment
45 watt miniature



- Universal wide input range
- Miniature size
- Fully regulated output
- High efficiency
- Overload and short circuit protection
- Constant voltage
- Constant current
- Inbuilt EMI filter (CISPR 22 Class B)
- IEC320 AC receptacles, 2 (type C8)
- Approvals **CE (EMC & LVD), UL, CSA**

