



# FS200S40G FS250S40G FS300S40G

## AT GREEN PC P/S

### FEATURES

- ◆ High efficiency
- ◆ Low noise and ripple
- ◆ Output overvoltage protection
- ◆ Short circuit protection on all outputs
- ◆ Resettable power shut down
- ◆ Approved by UL1950, CSA 22.2 level 3, TUV EN 60950, NEMKO NEK-EN 60950 (1992) A1/A2
- ◆ Self-contained fan cooling
- ◆ Complies with FCC 20780 part 15, class B, VFG243 class B
- ◆ 100% burn-in under high ambient temperature (50°C)
- ◆ PS/2 form factor MTBF 50K hours
- ◆ 100% Hi-Pot tested

### INPUT SPECIFICATIONS

Voltage: 90-132VAC/180-264VAC selectable  
 Frequency: 47 to 63Hz  
 Input Current: 6.0A (rms) for 115VRMS/60Hz  
 3.0A (rms) for 230VRMS/50Hz

### GENERAL SPECIFICATIONS

Operating Temperature: 0°C - 50°C ambient  
 Storage Temperature: -20°C to 80°C  
 Temperature Coefficiency: 0.01% / °C  
 Transient Response: Output voltage returns in less than 1 ms max. Following a 50% load change.  
 Hold Up Time: 16 ms min. at full load and nominal input voltage  
 Humidity: 5 - 95% RH  
 Efficiency: 70% min., 75% typical at full load  
 Power Good Signal: On delay 100 ms to 500 ms, off delay 1ms min.  
 Inrush Current: 40A/50A max. for 115 VAC or 70A/80A max. for 230 VAC at 25°C ambient cold start.  
 Dimension: 140mm x 150mm x 86mm (5.50" x 5.90" x 3.38")

### SAFETY

FS200S40G/FS250S40G: UL/E 135662, CSA/LR 103136, TUV/R 9479211, NEMKO/P94100533  
 FS300S40G: UL/E 135662, CSA/LR 103136, TUV/R 9552818

### OUTPUT SPECIFICATIONS

Output Voltage	Output Current						Regulation		Ripple/ Noise P-P (Max)
	Min			Max			Load	Line	
	200G	250G	300G	200G	250G	300G			
5VDC	2.0A	2.5A	3.0A	20.0A	26.0A	30.0A	±5%	±1%	50mv
12VDC	0.0A	0.0A	1.0A	8.0A	9.0A	12.0A	±5%	±1%	120mv
-12VDC	0.0A	0.0A	0.0A	0.3A	0.5A	0.5A	±10%	±2%	150mv
-5VDC	0.0A	0.0A	0.0A	0.3A	0.5A	0.5A	±10%	±2%	150mv

Note: All data are subject to change without notice

