SURPLUSTRADERS.NET
PO Box 276
Alburg, VT 05440
Website: www.surplustraders.net
Email: sales@surplustraders.net
Tel: 800-341-6468
Fax: 888-661-3032

This spec sheet is provided courtesy of Surplustraders.net

If you are looking for brand names, model numbers or other products that are not currently represented in this spec sheet, please, give us a call or send us an email with your requirements so we can further discuss your needs.

Thank you

Ph: 866-831-8848
Fax: 888-661-3032
Email: sales@surplustraders.net
Website: www.surplustraders.net

Powerware® Plus 50 On-line Uninterruptible Power System

Combining on-line UPS technology with the latest in network communications

UNISYS DIRECT

Continuous on-line protection

Superior system reliability

World class quality

Flexible network communications

The Powerware Plus 50 provides power protection for both mainframe and client/server environments through superior on-line technology, flexible communications and user-friendly operation. A variety of options allows easy integration of the Plus 50 into centralized or remote monitoring systems, and network adapters provide LAN connectivity and SNMP compatibility. Other communications options include remote terminal capabilities, remote monitoring panel and remote emergency power-off, which are available through standard RS-232 and RS-485 ports.

The Powerware Plus 50 is powerful, yet easy to understand. The monitor panel features a large easy-to-read LCD, push-button controls, operational metering features, utility statistics and intelligent alarm management. These features allow you to quickly monitor UPS operations and the status of the supported system. A battery monitoring and test system proactively identifies the battery time available should a loss of utility power occur.

The Powerware Plus 50 is equipped with intelligent controls, dual-feed input capability, self-diagnostics, redundant fans and redundant control power supplies. The integration of insulated gate bipolar transistors (IGBTs) into a high speed inverter lets the Plus 50 more effectively support demanding non-linear loads, such as Pcs, laser printers and industrial motor drives.

Powerware® Plus 50 On-line Uninterruptible Power System

Performance Characteristics

		Model 30 30kVA/24kW			Model 40 40kVA/32kW			Model 50 50kVA/40kW		
Input Voltage	Volts	480	480	208	480	480	208	480	480	208
Output Voltage	Volts	208	480	208	208	480	208	208	480	208
Input Voltage Range										
Minimum	Volts	408	408	177	408	408	177	408	408	177
Maximum	Volts	528	528	229	528	528	229	528	528	229
Input/Output Frequency	Htz	60	60	60	60	60	60	60	60	60
AC Input (With input filter)										
Nominal Amps	Amps	34	42	96	56	56	128	69	69	160
Maximum Amps	Amps	42	42	96	56	56	128	69	69	160
AC Input (Without input filter)										
Nominal Amps	Amps	39	39	90	65	65	151	82	82	188
Maximum Amps	Amps	49	49	113	65	65	151	82	82	188
Bypass Input										
Nominal Amps	Amps	36	36	83	48	48	111	60	60	139
AC Output										
Nominal Amps	Amps	83	36	83	111	48	111	139	60	139
10 Minutes Maax	Amps	104	45	104	139	60	139	174	75	174
DC Link										
Nominal DC Voltage	Volts	480	480	480	480	480	480	480	480	480
Float Voltage	Volts	540	540	540	540	540	540	540	540	540
End of Discharge	Volts	401	401	401	401	401	401	401	401	401
Maximum Amps	Amps	60	60	60	80	80	80	100	100	100
Physical Attributes (w/o batt.)										
Installed Weight †	Lbs	1750	1750	2075	1750	1750	2075	1750	1750	2075
Installed Width	Inches	34	34	34	34	34	34	34	34	34
Systems Efficiencies										
@ 100% Load	%	91	91	88	91	91	89	91	91	89
@ 75% Load	%	89	89	86	91	91	88	91	91	89
@ 50% Load	%	86	86	83	89	89	87	90	90	88
Full Load Heat Dissipation										
BTU/Hr. (x1000)		8.1	8.1	11.2	10.8	10.8	13.5	13.5	13.5	16.9
KCal/HR. (x1000)		2.04	2.04	2.83	2.73	2.73	3.40	3.40.	3.40	4.26
Inverter Efficiency (Full Load)	%	93	93	93	93	93	93	93	93	93

† All Cabinets are 73.5 inches (1867 mm) high and 31.5 inches (800 mm) in depth

Powerware Plus 50 Battery Protection Time At 25°C (In Minutes)

Battery Cabinet	Nominal DC Voltage	Total Battery Cabinets	Output Load on UPS in kW 20	26	32	40	Weight (lbs.)	Width (in.)
5508	480	1	38	25	19	13	2,225	24
8008	480	1	60	45	35	26	3,325	36
5516	480	2	90	60	52	39	4.450	48
8016	480	2	125	95	80	60	6.650	72
8024	480	3	185	140	115	95	9,975	108
8032	480	4	240+	190	155	125	13,300	144

All battery cabinets are 73.5 inches (1867 mm) high and 31.5 inches (800mm) in depth line-up configuration

Printed in U S America 6/97 4138 8935-000