

POWER SHIELD

Centurion

1kVA to 10kVA True On-line UPS

- True On-line, Double Conversion
- Microprocessor control guarantees high reliability
 - Smart RS-232 port
 - Intelligent SNMP card available
- External Maintenance Bypass Switch available
- Equipped with comprehensive Short Circuit Protection
 - Audible-alarm mute
 - Cold start function
- Extra wide Input Voltage range



Power  Shield®

G U A R D I N G Y O U R B U S I N E S S

POWER SHIELD



Centurion

Model	Centurion 1k/1kl*		Centurion 2k/2kl*		Centurion 3k/3kl*		Centurion 6k/6kl*		Centurion 10k/10kl*		
Capacity	1kVA	700W	2kVA	1400W	3kVA	2100W	6kVA	4200W	10kVA	7000W	
Physical (WxDxHmm)	145 x 400 x 220		192 x 460 x 340		260 x 570 x 717		340 x 640 x 980				
	Tower										
	Rack UPS	483x450x87 (2RU with batt)	483 x 450 x 87 (2RU)		483 x 600 x 132 (3RU)		N/A				
	Rack Battery	483 x 450 x 87 (2RU)	483 x 450 x 87 (2RU)		483 x 600 x 132 (3RU)		N/A				
Weight	Kgs	13Kg	7Kg	32Kg	15kg	33Kg	16Kg	84Kg	37Kg	163kg	75kg
Battery	Type	12V/7Ah	N/A	12V/7Ah	N/A	12V/7Ah	N/A	12V/7Ah	N/A	12V/7Ah	N/A
	No. of batteries	3	N/A	8	N/A	8	N/A	20	N/A	40	N/A
	Backup time	>5 min	N/A	>9 min	N/A	>5 min	N/A	8 min	N/A	8 min	N/A
	Recharge time	90% within 5 hrs	N/A	90% within 5 hrs	N/A	90% within 5 hrs	N/A	90% within 8 hrs	N/A	90% within 8 hrs	N/A
	Charging current	1A	8A	1A	9.6A	1A	9.6A	1.5A	7A	2A	8A
	Charging voltage	41.1Vdc +/-0.6V		110Vdc +/-0.4V				274Vdc +/-0.5V			
Efficiency	To AC mode	85%		86%				85%			
	To battery mode	83%		83%				85%			
Input	Voltage	80 ~ 300VAC				176 ~ 276VAC					
	Frequency	46Hz ~ 54Hz				46Hz ~ 55Hz					
	Phase	Single phase with ground				Single phase with ground					
	Power factor	>0.95				>0.97					
Output	Voltage	220/230/240VAC				220/230/240VAC					
	Frequency	46 ~ 54Hz				46 ~ 54Hz					
	Voltage Range	+/-2%				+/-3%					
	Waveform	Pure sinewave				Pure sinewave					
	Crest Ratio	3:1				3:1					
Transfer	Time (AC to DC)	0ms				0ms					
	Inverter to bypass	2.5ms (typical)				0ms					
Protection	Full Protection	Overload, output/input short circuit, input surge circuit, overheating and phone line protection									
Indicator	Status	Load level, battery level, battery mode, AC mode, bypass mode, fault									
Audible alarm	Battery mode	Sounding every 4 seconds									
	Low battery	Sounding every second									
	Overload	Sounding twice every second									
	Fault	Continuously sounding									
Environment	Temperature	0-40°C									
	Humidity	20% - 90% (Non-condensing)									
	Noise	<45dB @ 1 meter		<50dB @ 1 meter				<55dB @ 1 meter			
Interface	Smart RS232	Supports Windows 95/98/NT/2000/XP, Novell, Linux									
	SNMP (option)	Power management from SNMP manager and web browser									
	AS400 (option)	Dry contact management									

* Long backup UPS - extra battery pack required

For critical loads, there is no substitute for the Power Shield Centurion. With a proven track record, this true online double conversion UPS is ultra reliable. A variety of advanced communication options are available. Every Power Shield Centurion comes with an RS232 connection and the latest version of UPSilon 2000 monitoring and shutdown software. Bundled with the UPSilon software is Clientmate which allows the monitoring and control of up to 99 computers. The Power Shield Centurion comes with an intelligent slot that can utilize either an SNMP card to allow for monitoring over the World Wide Web or an AS400 card that allows for dry contacts to the computer. These units are available from 1 to 10 k VA in tower models and 1 to 6 k VA in rackmount models. These UPS's are also available with larger chargers for long backup time applications.



Power Shield®

