PRODUCT SPECIFICATION SHEET

Product Name: Tripp Lite Omni VS Series UPS Systems

Estimated Runtime - Load in Watts													
UPS	**20W**	**40W**	**60W**	**80W**	**100W**	**200W**	**300W**	**400W**	**500W**	**600W**	**700W**	**800W**	**900W**
TL-OMNIVS800	194	94	59	42	32	13	7.1	4.5	-	-	-	-	-
TL-OMNIVS1000	270	133	84	60	46	19	11	6.8	3.5	-	-	-	-
TL-OMNIVS1500	294	177	124	93	74	34	20	14	8.3	7.3	6.4	5.2	4.3
TL-OMNIVS1500XL	323	188	129	96	76	34	21	14	11	8.1	6.4	5.2	4.3
All runtime values are in minutes													

	TL-OMNIVS800	TL-OMNIVS1000	TL-OMNIVS1500	TL-OMNIVS1500XL
System Overview				
Voltage compatibility:	120VAC	120VAC	120VAC	120VAC
Frequency compatibility:	60 Hz	60 Hz	60 Hz	60 Hz
Output				
Output VA:	800	1000	1500	1500
Output watts:	475	500	940	940
Output nominal voltage:	120VAC	120VAC	120VAC	120VAC
Line Mode Output voltage regulation:	-	-	Sine wave line voltage 120V (-18%/8%)	Sine wave line voltage 120V (-18%/8%)
Battery Mode Output voltage regulation:	PWM sine wave output 115V ±5%	PWM sine wave output 115V ±5%	PWM sine wave output 120V ±5%	PWM sine wave output 120V ±5%
Line Mode Output frequency regulation:	Passes line frequency of 60Hz ±10%	Passes line frequency of 60Hz ±10%	Passes line frequency of 60Hz ±10%	Passes line frequency of 60Hz ±10%
Battery Mode Output frequency regulation	Inverter output regulated to 60Hz ±0.5Hz			
Outlet quantity/type:	7 NEMA 5-15R	8 NEMA 5-15R	8 NEMA 5-15R	8 NEMA 5-15R

	TL-OMNIVS800	TL-OMNIVS1000	TL-OMNIVS1500	TL-OMNIVS1500XL
Input				
Maximum input amps:	12A	12A/1440W	12A	12A
Input connection type:	NEMA 5-15P right-angle plug	NEMA 5-15P right-angle plug	NEMA 5-15P	NEMA 5-15P
Input cord length:	6' 14 gauge	6' 14 gauge	6' 14 gauge	6' 14 gauge
Recommended electrical service:	15A 120V	15A 120V	15A 120V	15A 120V
Battery				
Full load runtime:	3.5 minutes (800VA)	3.5 minutes (1000VA)	4 minutes (1500VA)	4.5 minutes (1500VA)
Half load runtime:	11.5 minutes (400VA)	14 minutes (500VA)	8.5 minutes (750VA)	13 minutes (750VA)
DC system voltage:	12VDC	12VDC	24VDC	24VDC
Typical battery lifespan:	3 to 6 years	3 to 6 years	3 to 6 years	3 to 6 years
Battery recharge rate:	2 to 4 hours to 90%	2 to 4 hours to 90%	2 to 4 hours to 90%	2 to 4 hours to 90%
Replacement battery cartridge:	RBC51	RBC52 (quantity 2)	RBC51 (quantity 2)	RBC51 (quantity 2)
Voltage Regulations				
Voltage regulation description:	Line interactive voltage regulation corrects brownouts as low as 83V back to usable values	Line interactive voltage regulation corrects brownouts as low as 83V back to usable values	AVR circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 75V and overvoltages to 147V	AVR circuits maintain clean, regulated computer-grade 120V nominal output, without using battery power, during brownouts to 75V and overvoltages to 147V
Over voltage correction:	-	-	Input voltages between 128 and 147VAC are reduced by 12%	Input voltages between 128 and 147VAC are reduced by 12%
Direct pass through:	Voltages of 106V+ are passed through to connected equipment unchanged	Voltages of 106V+ are passed through to connected equipment unchanged	Input voltages between 108 and 127VAC are passed on to connected equipment unchanged	Input voltages between 108 and 127VAC are passed on to connected equipment unchanged
Brownout correction:	Input voltages between 83 and 105 are boosted by 14%	Input voltages between 83 and 105 are boosted by 14%	Input voltages between 93 and 107VAC are boosted by 14%	Input voltages between 93 and 107VAC are boosted by 14%
Severe brownout correction:	-	-	Input voltages between 75 and 92VAC are boosted by 30%	Input voltages between 75 and 92VAC are boosted by 30%

	TL-OMNIVS800	TL-OMNIVS1000	TL-OMNIVS1500	TL-OMNIVS1500XL
LEDs Alarms & Switches				
Front panel LEDs:	4 status indicator LEDs: - Line power - Battery power - Battery low/replace - Voltage regulation operation	4 status indicator LEDs: - Line power - Battery power - Battery low/replace - Overload	5 status indicator LEDs: - Battery charge level - AC line voltage levels - Automatic voltage regulation status - UPS load level - Replace battery warning	5 status indicator LEDs: - Battery charge level - AC line voltage levels - Automatic voltage regulation status - UPS load level - Replace battery warning
Audible alarms - assuming full load:	Indicates loss of utility power. Silence by pressing front panel alarm cancel button, alarm will re-sound when 2 minutes run-time remains.	Indicates loss of utility power. Silence by pressing front panel alarm cancel button, alarm will re-sound when 2 minutes runtime remains.	Indicates loss of utility power. Silence by pressing front panel alarm cancel button, alarm will re-sound when 2 minutes runtime remains.	Indicates loss of utility power. Silence by pressing front panel alarm cancel button, alarm will re-sound when 2 minutes runtime remains.
Front panel switches:	- (1) main on/off power - (1) dual function alarm cancel/self test button			
Surge / Noise Suppression				
AC surge suppression:	480 joules	480 joules	510 joules	510 joules
AC suppression response time:	Instantaneous	Instantaneous	Instantaneous	Instantaneous
Dataline suppression:	Tel/DSL/Ethernet	Tel/DSL/Ethernet	Tel/DSL/Ethernet	Tel/DSL/Ethernet
EMI/RFI AC noise suppression:	Yes	Yes	Yes	Yes
Physical				
Shipping weight:	23.2 lbs. (10.5 kg)	23.2 lbs. (10.5 kg)	30 lbs. (13.5 kg)	30 lbs. (13.5 kg)
Shipping dimensions:	14”H x 8.5”W x 10.5”D (35.6 x 21.6 x 26.7 cm)	14”H x 8.5”W x 10.5”D (35.6 x 21.6 x 26.7 cm)	15.5”H x 11”W x 11.25”D (39.4 x 28 x 28.6 cm)	15.5”H x 11”W x 11.25”D (39.4 x 28 x 28.6 cm)
Unit weight:	21.2 lbs. (9.6 kg)	21.2 lbs. (9.6 kg)	28 lbs. (12.6 kg)	28 lbs. (12.6 kg)
Unit dimensions:	10.75”H x 5.25”W x 7.25”D (27.3 x 13.4 x 18.4 cm)	10.75”H x 5.25”W x 7.25”D (27.3 x 13.4 x 18.4 cm)	11.75”H x 7.25”W x 7.5”D (29.8 x 18.4 x 19.1 cm)	11.75”H x 7.25”W x 7.5”D (29.8 x 18.4 x 19.1 cm)
Material of construction:	PVC	PVC	Polycarbonate	Polycarbonate
Form factors supported:	Tower	Tower	Tower	Tower
Cooling method:	Convection	Convection	Convection	Fan
Battery Access:	Battery access door allows user replacement of UPS batteries.	Battery access door allows user replacement of UPS batteries.	Battery access door allows user replacement of UPS batteries, hot swappable battery replacement supported	Battery access door allows user replacement of UPS batteries, hot swappable battery replacement supported

	TL-OMNIVS800	TL-OMNIVS1000	TL-OMNIVS1500	TL-OMNIVS1500XL
Environmental				
Operating Temperature:	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)	32°F to 104°F (0°C to 40°C)
Storage Temperature:	5°F to 122°F (-15°C to 50°C)	5°F to 122°F (-15°C to 50°C)	5°F to 122°F (-15°C to 50°C)	5°F to 122°F (-15°C to 50°C)
Relative Humidity:	0 to 95%, non-condensing	0 to 95%, non-condensing	0 to 95%, non-condensing	0 to 95%, non-condensing
Line mode BTU/hr. max.	-	43.6	-	-
Battery mode BTU/hr. max.	-	147.8	-	-
Communications				
Network monitoring port:	USB	USB	USB	USB
Cabling included:	USB and telephone	USB and telephone	USB and telephone	USB and telephone
Software:	PowerAlert download	PowerAlert download	PowerAlert download	PowerAlert download
WatchDog compatibilty:	Yes, restore operation to locked equipment through soft reboot of application/OS or hard power off/on reboot of connected equipment - ideal for unattended kiosk applications	Yes, restore operation to locked equipment through soft reboot of application/OS or hard power off/ on reboot of connected equipment - ideal for unattended kiosk applications	Yes, restore operation to locked equipment through soft reboot of application/OS or hard power off/ on reboot of connected equipment - ideal for unattended kiosk applications	Yes, restore operation to locked equipment through soft reboot of application/OS or hard power off/ on reboot of connected equipment - ideal for unattended kiosk applications
Line / Battery Transfer				
Transfer time from line power to battery mode:	2 to 4 milliseconds	2 to 4 milliseconds	2 to 4 milliseconds	2 to 4 milliseconds
Low voltage transfer to battery power:	Switches to battery power as line voltage decreases to 83V or less. Resets to line power mode as line voltage increases to 87V or more	Switches to battery power as line voltage decreases to 83V or less. Resets to line power mode as line voltage increases to 87V or more	Switches to battery power as line voltage decreases to 75V or less. Resets back to line power mode as line voltage increases to 79V or more	Switches to battery power as line voltage decreases to 75V or less. Resets back to line power mode as line voltage increases to 79V or more
High voltage transfer to battery power:	Switches to battery power as line voltage increases to 147V or higher. Resets to line power mode as line voltage decreases to 143V or less.	Switches to battery power as line voltage increases to 147V or higher. Resets to line power mode as line voltage decreases to 143V or less.	Switches to battery power as line voltage increases to 147Vs or higher. Resets back to line power mode as line voltage decreases to 143V or less.	Switches to battery power as line voltage increases to 147V or higher. Resets back to line power mode as line voltage decreases to 143V or less.
Special Features				
Cold Start:	Yes	Yes	Yes	Yes
Appearance:	Black	Black	Black	Black

	TL-OMNIVS800	TL-OMNIVS1000	TL-OMNIVS1500	TL-OMNIVS1500XL
Certifications				
Certifications:	Tested to UL1778 (USA), CSA C22.2 No. 107.3 (Canada), Class B (emissions), NOM (Mexico), FCC Part 68 Industry Canada (telecommunications), RoHS Compliant	Tested to UL1778 (USA), cUL (Canada), Class B (emissions), NOM (Mexico), FCC Part 68 Industry Canada (telecommunications)	Tested to UL1778 (USA), CSA (Canada), NOM (Mexico), FCC Class B (Emissions)	
Warranty				
Manufacturer's product warranty:	2 year			
Connected equipment insurance (USA and Canada Only):	$200,000			
Optional manufacturer's coverage:	3 to 5 year warranties, next day and on-site warranty coverage available			