

PRODUCT SPECIFICATION SHEET

Product Name: Tripp Lite Energy Savings ECO Series UPS System

	ECO350	ECO550	ECO750
System Overview			
Voltage compatibility	120VAC	120VAC	120VAC
Frequency compatibility	60Hz	60Hz	60Hz
Output			
Output VA	350	550	750
Output watts	180	300	450
Output nominal voltage	120VAC (line power mode) / 115VAC (battery mode)	120VAC (line power mode) / 115VAC (battery mode)	120VAC (line power mode) / 115VAC (battery mode)
Output voltage regulation	BATTERY MODE: PWM sine wave output 115V +/-5%	BATTERY MODE: PWM sine wave output 115V +/-5%	BATTERY MODE: PWM sine wave output 115V +/-5%
Output frequency regulation	LINE MODE: Passes line frequency of 60Hz +/-10%, BATTERY MODE: Inverter output regulated to 60Hz +/-5%	LINE MODE: Passes line frequency of 60Hz +/- 10%, BATTERY MODE: Inverter output regulated to 60Hz +/-5%	LINE MODE: Passes line frequency of 60Hz +/-10%, BATTERY MODE: Inverter output regulated to 60Hz +/-5%
Outlet quantity / type	12 5-15R output receptacles (6 UPS supported, 6 surge-only)	12 5-15R output receptacles (6 UPS supported, 6 surge-only)	12 5-15R output receptacles (6 UPS supported, 6 surge-only)
Customized load management receptacles	Two of the surge-only outlets serve as desig- nated "ECO" outlets for peripherals that are automatically turned off as the computer is shut-down or switched to standby mode(Re- quires use of PowerAlert software and USB cable).	Three of the surge-only outlets serve as desig- nated "ECO" outlets for peripherals that are au- tomatically turned off as the computer is shut- down or switched to standby mode (Requires use of PowerAlert software and USB cable).	Four of the surge-only outlets serve as designated "ECO" outlets for peripherals that are automatically turned off as the computer is shut-down or switched to standby mode (Requires use of PowerAlert software and USB cable).
Input			
Maximum input amps	10A	10A	10A
Input connection type	5-15P (right angle)	5-15P (right angle)	5-15P (right angle)
Input cord length	6 ft / 1.8m	6 ft / 1.8m	6 ft / 1.8m
Recommended Electrical Service	15A 120V	15A 120V	15A 120V

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Battery			
Full load runtime	3 minutes (180 watts)	3.5 minutes (300 watts)	2.5 minutes (450 watts)
Half load runtime	11 minutes (90 watts)	10 minutes (150 watts)	11.5 minutes (225 watts)
DC system voltage	12VDC	12VDC	12VDC
Typical battery lifespan	3-6 years, depending on usage	3-6 years, depending on usage	3-6 years, depending on usage
Battery recharge rate	7 hours (10% to 90% recharge)	15 hours (10% to 90% recharge)	20 hours typical (10% to 90% recharge)
LEDs Alarms & Switches			
Front panel LEDs	2 LEDs indicate line power, battery power status	2 LEDs indicate line power, battery power status	2 LEDs indicate line power, battery power status
Alarms	Audible alarms for ON BATTERY, LOW BATTERY and OVERLOAD status	Audible alarms for ON BATTERY, LOW BATTERY and OVERLOAD status	Audible alarms for ON BATTERY, LOW BATTERY and OVERLOAD status
Switches	Main power switch controls ON, OFF, SELF-TEST and ALARM CANCEL functions. Second switch enables "ECO" outlet switching	Main power switch controls ON, OFF, SELF-TEST and ALARM CANCEL functions. Second switch enables "ECO" outlet switching	Main power switch controls ON, OFF, SELF-TEST and ALARM CANCEL functions. Second switch enables "ECO" outlet switching
Surge / Noise Suppression			
AC surge suppression	420 joules	420 joules	420 joules
AC suppression response time	Instantaneous	Instantaneous	Instantaneous
Dataline suppression	Single line TEL/DSL	Single line TEL/DSL	Single line TEL/DSL
EMI / RFI AC noise suppression	> 40dB@1MHz	> 40dB@1MHz	> 40dB@1MHz
Physical			
Shipping weight	5.9 lb	7.1 lb	10.1 lb
Shipping weight	2.7 kg	3.2 kg	4.6 kg
Shipping Dimensions (HWD/in)	4.1 x 11.3 x 7.7	4.1 x 13 x 8	4.6 x 15.04 x 9.84
Shipping Dimensions (HWD/cm)	10.4 x 28.7 x 19.6	10.4 x 33 x 20.3	11.7 x 38.2 x 25
Unit weight	5.2 lb	6.6 lb	8.8 lb
Unit weight	2.6 kg	3 kg	4 kg
Unit Dimensions (HWD/in)	2.97 x 6.35 x 8.02	3.07 x 5.74 x 10.85	3.07 x 12.22 x 6.91

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Physical			
Unit Dimensions (HWD/cm)	7.54 x 16.1 x 20.37	7.8 x 14.6 x 27.6	7.8 x 31 x 17.5
Material of construction	ABS	ABS	ABS
Form factors supported	Tower, Desktop, Wall-mount	Tower, Desktop, Wall-mount	Tower, Desktop, Wall-mount
Integrated keyhole mounting tabs	Keyhole mounting slots enable wall-mount installation	Keyhole mounting slots enable wall-mount installation	Keyhole mounting slots enable wall-mount installation
Environmental			
Operating Temperature	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius	+32 to +104 degrees Fahrenheit / 0 to +40 degrees Celsius
Storage Temperature	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius	+5 to +122 degrees Fahrenheit / -15 to +50 degrees Celsius
Relative Humidity	0 to 95%, non-condensing	0 to 95%, non-condensing	0 to 95%, non-condensing
Line mode BTU/hr. (Max.)	4 BTU/hr. / 99% line mode efficiency (fully charged battery)	4 BTU / Hr. / 99% line mode efficiency (fully charged battery)	4 BTU/Hr. / 99% line power efficiency (fully charged battery)
Communications			
Network monitoring port	USB (HID Compliant)	USB (HID Compliant)	USB (HID Compliant)
Software and cabling included	Includes USB interface cable, PowerAlert software available via free download	Includes USB interface cable, PowerAlert software available via free download	Includes USB interface cable, PowerAlert software available via free download
WatchDog compatibility	Yes, compatible with Tripp Lite's Watchdog system service to 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, compatible with Tripp Lite's Watchdog system service to 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, compatible with Tripp Lite's Watchdog system service to 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	AC to battery mode: 4 milliseconds / Battery to AC mode: 3 milliseconds	AC to battery mode: 4 milliseconds / Battery to AC mode: 3 milliseconds	AC to battery mode: 6 milliseconds / Battery to AC mode: 3 milliseconds
Low voltage transfer to battery power	Switches to battery power as line voltage decreases to 99 volts or less. Resets back to line power mode as line voltage increases to 104V or higher	Switches to battery power as line voltage decreases to 99 volts or less. Resets back to line power mode as line voltage increases to 104V or higher	Switches to battery power as line voltage decreases to 99 volts or less. Resets back to line power mode as line voltage increases to 104V or higher
High voltage transfer to battery power	Switches to battery power as line voltage increases to 139V or higher. Resets back to line power mode when line voltage decreases to 135V or lower	Switches to battery power as line voltage increases to 139V or higher. Resets back to line power mode when line voltage decreases to 135V or lower	Switches to battery power as line voltage increases to 139V or higher. Resets back to line power mode when line voltage decreases to 135V or lower

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Special Features			
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure	Yes, inverter can be "cold started" to enable temporary AC output during a power failure	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Appearance	Attractive black ultra-compact housing	Attractive black ultra-compact housing	Attractive black ultra-compact housing
Certifications			
Certifications	Tested to UL1778 (USA), CSA (Canada), NOM (Mexico), Class B (EMI), FCC Part 68 / Industry Canada (telecommunication), RoHS (Restriction of Hazardous Substances)		
Warranty			
Product warranty	2 years	2 years	2 years
Connected equipment insurance (USA and Canada Only)	\$100,000 connected equipment insurance (USA, Puerto Rico, and Canada only)	\$100,000 connected equipment insurance (USA, Puerto Rico, and Canada only)	\$100,000 connected equipment insurance (USA, Puerto Rico, and Canada only)
Optional coverage	Optional 3 and 5 year on site or factory warranties available		Optional 3 and 5 year on site or factory warranties available for select opportunities

Estimated Runtime - Load in Watts														
PART #	20W	40W	60W	80W	100W	120W	140W	160W	180W	200W	260W	300W	340W	400W
TL-ECO350UPS	62	28	17	11	8.3	6.3	5.0	4.0	3.0	-	-	-	-	-
TL-ECO550UPS	109	50	31	22	16	-	10	-	-	6.3	4.3	3.5	-	-
TL-ECO750UPS	194	92	57	40	31	-	20	-	-	13	7.2	5.5	4.3	3.2