XTREME POWER CONVERSION **T91**

Online Tower UPS // 120VAC

For more information, visit www.xpcc.com/t91



Unity power factor tower UPS provides high density online power protection for unstable power conditions

The T91 delivers double conversion online power for light industrial, point of sale, server, voice and data network, and laboratory applications. Unity output power factor on the 700 and 1000 VA models makes the full VA rating usable as watts: a 1000 VA unit carries a 1000 W load.

Runtime is why most customers choose the T91. Up to seven battery packs extend backup far beyond a rack UPS: a T91-2000 runs about 30 minutes at full load on one pack, over three and a half hours on seven, and light-load sites have reached 12 hours.

The charger is programmable from 2 to 8 A at the LCD, so a large battery bank recharges in hours rather than overnight, ready for a second outage the same day.

For 230V online UPS options, visit www.xpcc.com/t91i

PRODUCT SNAPSHOT

- Available models: 700VA, 1000VA, 1500VA, 2000VA, 3000VA
- Extended battery packs available
- UL, cUL, RoHS, FCC A or B, TAA compliant
- Up to 98% ECO Mode and 92% online mode
- 3 years electronics, 3 years battery (USA and Canada); 1 year outside the USA and Canada

FEATURES

Unity output power factor—T91 provides industry highest real power rating

Extended battery packs—optional matching battery cabinets available for runtimes up to 12 hours on light loads

Charging current—2A to 8A, adjustable from LCD display

Fast Recharge—up to 95% in just 3 hours

Generator compatibility—wide input voltage and frequency windows allow reliable generator compatibility

Multiple communications capability—RS-232, USB, and optional Web/SNMP, Relay/dry contact and Modbus cards

Load shedding capabilities—maximize up time for critical loads and equipment by shedding less critical loads

Emergency power off—allows for compliance with the highest of application safety standards

$50,000 load protection policy—protection against damaged connected equipment

XTREME Power Conversion®
Protect your business.

TAA

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/t91

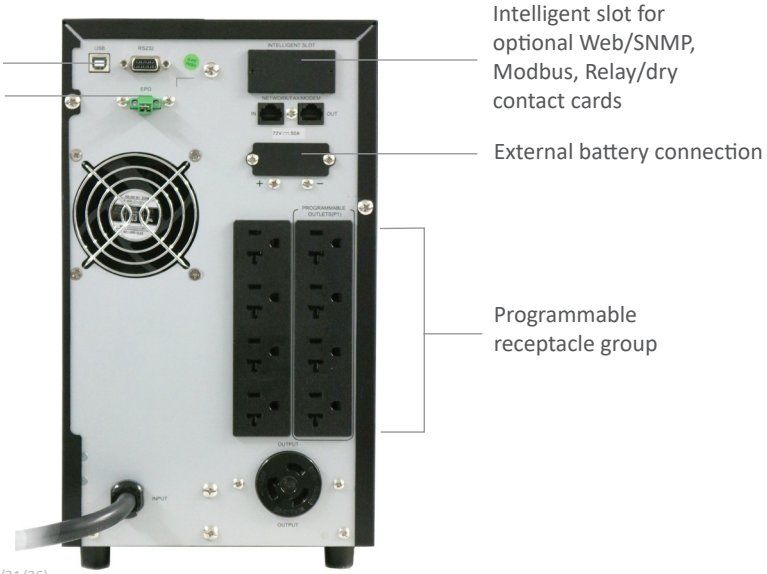
MODEL NUMBER		T91-700	T91-1000	T91-1500	T91-2000	T91-2000V2	T91-3000
CAPACITY	Power rating	700VA (700W)	1000VA (1000W)	1500VA (1450W)	2000VA (1930W)	2000VA (1930W)	3000VA (2880W)
INPUT	Voltage	120VAC nominal (55-150VAC)*					
	Frequency	50/60Hz auto-sensing					
	Power factor	>0.99 at full load					
OUTPUT	Voltage	120VAC nominal (100/110/115/127 selectable)**					
	Waveform	Pure sine wave, zero transfer time					
	Frequency	50/60Hz auto-sensing ≤ 1%					
	Efficiency	Up to 98% ECO Mode and 92% online mode					
	Overload capacity	> 110% & ≤ 130% for 5 min; > 130% & ≤140% for 30 sec; >140% for 1.5 sec					
BATTERY	Battery type	(2) 12V 9AH	(3) 12V 9AH	(3) 12V 9AH	(6) 12V 9AH		(6) 12V 9AH
	Recharge	3 hours to 95% for internal battery with 2A charge current					
	Battery charger	2A (default) to 8A, programmable from LCD display					
PHYSICAL	UPS dimensions	5.6" x 15.6" x 8.6" (W x D x H)			7.4" x 16.5" x 12.5" (W x D x H)		
	UPS weight	26 lbs	30 lbs	34.3 lbs	63 lbs		66 lbs
	Line cord	6 ft, 5–15P			6 ft, L5–20P	6 ft, 5-20P	6 ft, L5–30P
	Receptacles	(6) 5–15R			(1) L5-20R+(8) 5-20R		(1) L5-30R+(8) 5-20R
OPTIONAL BATTERY PACKS	Model number	N/A	T91-BP36A		T91-BP72A		
	Dimensions	N/A	5.6" W x 15.6" D x 8.6" H		7.4" W x 16.5" D x 12.5" H		
	Weight	N/A	44 lbs		82 lbs		
ENVIRONMENT	Temperature	32–104°F (0–40°C)					
	Audible noise	< 50 dBA					
	Altitude	11,500 ft above sea level					
APPROVALS		UL1778 (cTUVus), FCC B, RoHS, TAA			UL1778 (cTUVus), FCC A, RoHS, TAA		
WARRANTY		3 years electronics, 3 years battery warranty (USA and Canada)					
COMMUNICATIONS INTERFACE		RS-232, USB, EPO, intelligent slot for optional cards (Web/SNMP, Relay/dry contact, Modbus)					
INCLUDED IN BOX		ViewPower monitoring software CD, USB cable, user manual					
AVAILABLE OPTIONS		Extended warranty, bypass distribution (XBDM), power distribution (XPDU)					

**Voltage range is load dependent. **Capacities are based on highest selectable voltage. Some models derate at lower voltages.*

BATTERY RUNTIMES

	Internal battery		UPS+1BP		UPS+2BP		UPS+3BP		UPS+4BP		UPS+5BP		UPS+6BP		UPS+7BP	
Percentage load:	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
T91-700	16	5.6	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T91-1000	17	6	74	29	129	57	192	89	259	117	330	143	419	175	485	208
T91-1500	10	3	44	18	88	35	125	54	165	77	211	97	258	117	306	133
T91-2000/(V2)	18	6.4	77	30	133	59	200	93	270	121	350	149	437	183	500	217
T91-3000	10	3	45	18	89	35	126	54	167	78	212	97	260	118	309	134

Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.



T91 -2000 rear view

Protect your business.

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www.xpcc.com

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