An online tower UPS that provides protection against outages and downtime for critical electronic equipment

The T90 provides clean reliable power with load segment control capabilities. The T90 is the perfect choice for critical business PCs, workstations, servers, IT equipment, communications systems, or networking equipment.

For high capacity models, reference the T90 6kVA & 10kVA at **www.xpcc.com/t6-10**

PRODUCT SNAPSHOT

› Available 120V models: 700VA, 1000VA, 1500VA, 2000VA, 3000VA
› Available 208/230V model: 1500VA
› Available hardwire 120V model: 1500VA
› Extended battery packs available
› Controlled load segments
› UL, cUL, FCC, CE
› 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

High efficiency mode—allows for increased efficiency and lower operating costs

Battery replacement warning—the UPS tells you when the batteries need to be replaced

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

Extended battery packs—T90 can be connected with external battery packs for extended runtime applications

Load segment control—loads can be cycled on/off for longer holdover time on critical loads

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

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.

MODEL SELECTION GUIDE

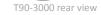|	MODEL NUMBER	T90-700	T90-1000	T90-1500*	T90-2000	T90-3000	T90i-1500
CAPACITY	Power rating	700VA (490W)	1000VA (700W)	1500VA (1050W)	2000VA (1400W)	3000VA (2100W)	1500VA (1050W)
INPUT	Voltage range	60–144VAC**					120–276VAC**
	Frequency	50/60Hz auto sensing					
OUTPUT	Voltage	120VAC nominal (100/110/115/127VAC selectable)***					208/220/ 230/240VAC
	Waveform	Sine wave, zero transfer time					
	Frequency	50/60Hz auto sensing ≤ 1%					
	Load segments	Two controlled via software					
	Load power factor	0.7					
	Efficiency	High efficiency > 95%, normal mode > 90%					
	Overload capacity	125% for 1 min, 150% for 10 sec					
BATTERY	Battery type	(2) 12V 7.2AH	(3) 12V 7.2AH	(3) 12V 9AH	(6) 12V 7.2AH	(6) 12V 9AH	(3) 12V 9AH
	Recharge	4 hours to 90% capacity					
PHYSICAL	UPS dimensions (W x D x H)	6.0 x 16.5 x 9.5 in			8.9 x 16.5 x 14.2 in		6.0 x 16.5 x 9.5 in
	UPS weight	31 lbs	38 lbs	39 lbs	73 lbs	78 lbs	39 lbs
	Line cord	5–15P*			5–20P	L5–30P	IEC C14 inlet
	Receptacles	(6) 5–15R*			(12) 5–15/20R	(10) 5–15R + (1) L5–30R	(4) IEC C13
	LCD display	Input/output voltage, input/output frequency, online mode, backup mode, battery capacity, load level					
OPTIONAL BATTERY PACKS	Model number	N/A	T90-BP/T90-BP1		T90-BP2		T90-BP/T90-BP1
	Dimensions (W x D x H)	N/A	T90-BP – 6.0 x 16.5 x 9.5 in; T90-BP1/ T90-BP2 – 8.9 x 16.7 x 14.2 in				
	Weight	N/A	T90-BP – 46 lbs; T90-BP1/ T90-BP2 – 88 lbs				
	Battery type	N/A	T90-BP – 2 x (3) 12V 7.2AH; T90-BP1 – 4 x (3) 12V 7.2AH; T90-BP2 – 2 x (6) 12V 7.2AH				
ENVIRONMENT	Temperature	32–104°F (0–40°C)					
	Audible noise	< 40 dBA					
	Altitude	11,500 ft above sea level					
APPROVALS		UL, cUL, FCC, CE					
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)					
INCLUDED IN BOX		User manual, monitoring software, CD, USB cable					
AVAILABLE OPTIONS		Extended warranty, bypass distribution (XBDM), power distribution (XPDU)					

*T90-15HW 1500VA model available with input and output terminal blocks; **Depending on load level; ***T90 capacity derates 10% at 110VAC and 20% at 100VAC output voltage

BATTERY RUNTIMES

	UPS		UPS + 1 BP		UPS + 2 BP	
Percentage load:	50%	100%	50%	100%	50%	100%
T90-700	24	8	N/A	N/A	N/A	N/A
T90-1000 (T90-BP)	26	9	110	44	203	87
T90-1000 (T90-BP1)	26	9	203	87	419	177
T90(i)-1500 (T90-BP)	18	6	65	25	125	50
T90(i)-1500 (T90-BP1)	18	6	125	50	252	109
T90-2000 (T90-BP2)	26	9	110	44	203	87
T90-3000 (T90-BP2)	18	6	65	25	125	50

For extended runtimes and detailed requirements, see www.xpcc.com/selector. Runtimes are shown in minutes and will vary based on battery condition, age, cycles, and ambient temperature.

EPO

Intelligent slot for optional Web/ SNMP or Relay/ dry contact cards

RS-232

Connection for optional battery pack

Breaker

T90-3000 rear view

XTREME
Power Conversion®

Protect your business.