

XTREME POWER CONVERSION V80HT

High Temperature Line Interactive UPS // 120V

For more information, visit www.xpcc.com/V80ht



Power protection for extreme temperatures environments

V80HT is a pure sine wave line interactive UPS engineered for high temperature critical power applications. Xtreme temperature batteries are rated for up to 12 years at 77°F (25°C) or 5 years at 113°F (45°C).

V80HT units have the highest efficiency ratings available, providing utility cost savings at all load levels. V80HT design provides flexible mounting including tower, wall and rack. V80HT models combine high performance with value pricing.

For standard temperature models, reference the V80 at www.xpcc.com/v80

PRODUCT SNAPSHOT

- › Available models: 700VA, 1000VA, 1500VA, 2000VA
- › Pure sine wave output
- › Easy to replace battery design
- › Tower, wall, and rack mount configurations available
- › UL, cUL, RoHS, TAA Compliant
- › 3 years electronics, 3 years battery warranty (USA and Canada)

FEATURES

113°F Operation—V80HT allows higher operating temperature up to 113°F (45°C) without derating.

Auto restart—after full battery discharge, the V80HT automatically restarts when utility power returns

Maintenance bypass—an optional XBDM bypass module enables the V80HT to be serviced or replaced without interruption of power to critical loads

Extended runtimes—up to four internal battery strings provide up to 2 hours at partial load

Web/SNMP Card —optional card provides monitoring of critical UPS parameters, alarms and status

Smart LCD display—vital monitoring and precise information from the front panel

\$25,000 load protection policy—protection against damaged connected equipment

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/V80ht

MODEL NUMBER		V80-700HT	V80-1000HT	V80-1500HT	V80-2000HT
CAPACITY	Power rating	700VA (420W)	1000VA (600W)	1500VA (900W)	2000VA (1200W)
INPUT	Voltage nominal	120VAC			
	Voltage range	82-148VAC			
	Frequency	50/60Hz auto-sensing			
OUTPUT	Voltage	120VAC			
	Waveform	Pure sine wave			
	Transfer time (typical)	2-6ms			
	Efficiency	Up to 96% ECO mode, 93% buck and boost mode			
	Harmonic distortion	2% @ 100% linear load; 5% @ 100% non-linear load			
BATTERY	Battery type	12-year rated, maintenance-free lead acid 12V 8.5AH			
	Internal Battery Strings	HT1, HT2, HT3, HT4	HT1, HT2	HT1, HT2	HT1, HT2
	Charging current	1, 3 and 6A selectable (6A default)			
	Quick recharge	4 hours to 90%			
PHYSICAL	Dimensions (W x D x H)	17.2" x 16.1" x 3.5"			
	Weight (HT1 version)	25.5, 31, 37, 43 lbs	31.3, 43 lbs	32.3, 44.5 lbs	34.3, 46.3 lbs
	Line cord (detachable)	5ft, 5-15P to C13			5ft, 5-20P to C19
	Receptacles	(8) NEMA 5-15R			
ENVIRONMENT	Operating temperature	32-113°F (0-45°C)			
	Audible noise	< 40dBA		< 45dBA	
	Altitude	11,500 ft above sea level			
APPROVALS	UL, cUL, RoHS, TAA Compliant				
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	Front mount rack brackets, line cord, tower pedestals, user manual, USB cable, Power Monitor software				
AVAILABLE OPTIONS	5 year extended warranty, bypass distribution (XBDM), power distribution (XPDU), 4-post rail kit, 2-post shelf kit, wall mount bracket				

BATTERY RUNTIMES

Percentage load:	1 string (HT1)				2 strings (HT2)				3 strings (HT3)				4 strings (HT4)			
Percentage load:	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%
V80-700HT	30	10	5	3.6	63	29	15	10	109	45	28	21	153	66	38	22
V80-1000HT	43	18	9	4.9	99	41	26	14	-	-	-	-	-	-	-	-
V80-1500HT	28	9	5	3.2	58	26	13	9	-	-	-	-	-	-	-	-
V80-2000HT	17	6	3.1	1.1	40	16	10	4.4	-	-	-	-	-	-	-	-

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



XTREME
Power Conversion®

Protect your business.

XPC USA / Denver, CO / sales@xpcc.com

XPC EMEA / Rotterdam, NL / emea@xpcc.com

www.xpcc.com

©2021 Xtreme Power Conversion Corporation. All Rights Reserved. V80 HT.01U (Rev 1/21/21)