XTREME POWER CONVERSION **E91 10kW, 15kW & 20kW**

Online Tower UPS // 208/120VAC Three-Phase

For more information, visit
www.xpcc.com/e91_10-20k



Unity power factor three-phase UPS for Edge facilities and other critical IT applications

E91 UPS provides reliable three phase double conversion power for edge facilities, small data centers, network closets, and industrial applications.

E91 features unity output power factor to support up to 25% more critical loads than typical UPSs. E91's touch screen LCD allows vital monitoring with interactive power one-line, alarms and UPS status. External battery packs are available for longer runtimes.

For higher capacity options, reference the E91-30/40kVA at www.xpcc.com/E91-30-40kVA

PRODUCT SNAPSHOT

- Available models: 10kW, 15kW, 20kW
- Unity power factor
- Approvals: UL, cUL, FCC, Energy Star 2.0, TAA compliant
- 2 years electronics, 2 years battery warranty (USA and Canada)

FEATURES

Touch LCD Display—4.3" touch display provides vital information including status and alarms

High Overload Capability — E91 provides protection during momentary overloads

Unity output power factor —E91 systems provide more real capacity for high density loads

Energy Star — 10, 15, and 20kW models meet Energy Star 2.0

Frequency converter — lock output at 50Hz/60Hz

Efficient Operation— operation at up to 94% in double conversion mode or 98% in ECO mode

Dual or single inputs —E91 includes separate rectifier and bypass inputs. Input jumpers are pre-installed.

Maintenance bypass— manually transfer critical loads from UPS power to utility power, enabling E91 maintenance

XTREME Power Conversion®
Protect your business.

TAA

MODEL SELECTION GUIDE

For more information, visit www.xpcc.com/e91_10-20k

MODEL NUMBER		E91-10K	E91-15K	E91-20K
CAPACITY	Power rating	10kVA/10kW	15kVA/15kW	20kVA/20kW
INPUT	Voltage / Range	208Y/120VAC or 220Y/127 +20/-15% VAC three-phase		
	Frequency	46–54Hz or 56-64Hz		
OUTPUT	Voltage / Frequency	208/120VAC or 220/127VAC / 50/60±0.1%		
	Overload capacity	Up to 110% for 1 hour, 130% for 1 min, >130% for 1 sec		
	Efficiency	up to 94% online mode or 98% ECO mode		
INTERNAL BATTERY	Battery type	Sealed maintenance-lead acid		
	Battery quantity	(40) 12V/9AH	(60) 12V/9AH	
	Charging current	2A-12A	4A, 8A, 12A	
PHYSICAL	Dimensions (W x D x H)	9.9" x 26.3" x 32.3"	11.9" x 34" x 40.2"	
	Weight	315 lbs	504 lbs	510 lbs
OPTIONAL BATTERY PACK	Model	EBP09-2 / EBP09-5		
	Battery quantity and size	(40) 12V 9AH / (100) 12V 9AH		
	Weight	310 lbs / 670 lbs		
	Dimensions (W x D x H)	11.9" x 34" x 40.2"		
OPTIONAL PDU	Model	E91-PDU1 / E91-PDU2		
	Output receptacles	(4) L21-20R each protected by a 20A breaker / (4) L21-30R each protected by a 30A breaker		
ENVIRONMENT	Operating temperature	32–104°F (0–40°C)*		
	Audible noise	<60dB for 10kVA; <65dB		
	Altitude	5,200 ft above sea level*		
APPROVALS		UL, cUL, FCC, Energy Star 2.0, TAA compliant		
WARRANTY		2 years warranty (USA and Canada)		
COMMUNICATIONS INTERFACE		RS-232, EPO, USB, intelligent slot for optional cards (Web/SNMP, Relay/dry contact)		
INCLUDED IN BOX		User manual, RS-232 communication cable, USB cable		
AVAILABLE OPTIONS		External maintenance bypass, output distribution, external battery cabinets		

**Battery life is reduced above 30°C, UPS capacity derates above 40°C and 5,200 ft above sea level.*

BATTERY RUNTIMES

	UPS Internal Batteries				UPS + EBP09-2				UPS + EBP09-5				UPS + (2) EBP09-5			
Percentage load:	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%	25%	50%	75%	100%
E91-10K	69	28	16	11	152	69	41	28	298	130	86	58	550	247	152	113
E91-15K	69	28	16	11	125	54	32	22	215	98	59	41	400	167	109	78
E91-20K	47	19	11	7	93	37	22	15	152	69	41	28	272	122	78	52

Runtimes are shown in minutes and will vary based on battery age and site conditions.



4.3" touch display



E91-15/20kVA front view



E91-15/20kVA rear view

XTREME Power Conversion®

Protect your business.

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www.xpcc.com

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