

# XTREME POWER CONVERSION GT90

Online three-phase UPS // 400VAC

For more information, visit [www.xpcc.com/gt90](http://www.xpcc.com/gt90)



## An energy efficient, compact three-phase UPS for small data center applications

Xtreme Power GT90 UPS provides the ideal solution for the most demanding critical power requirements.

Capacities of 20kVA & 30kVA are available in single GT90 modules. Configurations up to 90kVA can be easily configured by paralleling up to three GT90 modules.

For rack mount three-phase requirements, reference the R90 at [www.xpcc.com/r90](http://www.xpcc.com/r90)

### PRODUCT SNAPSHOT

- › Available models: 20kVA/18kW, 30kVA/27kW
- › Parallel for redundancy or capacity up to 90kVA/81kW
- › Built-in maintenance bypass
- › Internal or external battery models available
- › 98% efficiency in ECO mode saves utility power

### FEATURES

**ECO mode**—increase energy savings with 98% efficiency

**Wide input voltage and frequency window**—protect the critical load without depleting the battery

**Internal automatic bypass**—deliver continuous power supply to the load even when the UPS is overloaded

**Parallel operation**—parallel units for additional capacity or redundant operation

**0.9 output power factor**—more power to support critical loads

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

# MODEL SELECTION GUIDE

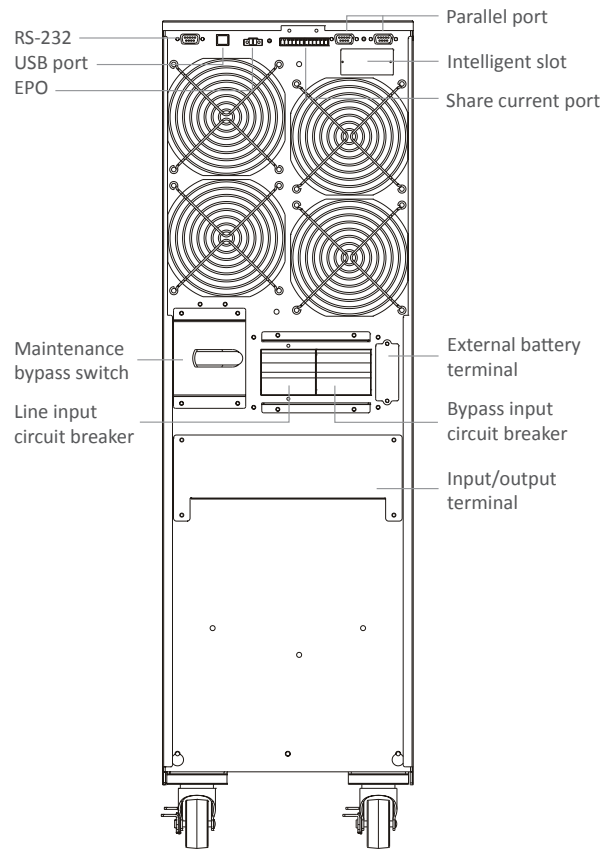
For more information, visit [www.xpcc.com/gt90](http://www.xpcc.com/gt90)

MODEL NUMBER		GT90-20K	GT90-20KL	GT90-30K	GT90-30KL
INPUT	Capacity	20kVA (18kW)		30kVA (27kW)	
	Voltage	380/400/415VAC line to line (220/230/240VAC line to neutral)			
	Frequency	50/60Hz			
	Power factor	0.99			
	Harmonic distortion	≤ 5% THD non-linear load			
OUTPUT	Rated voltage	380/400/415VAC line to line (220/230/240VAC line to neutral)			
	Frequency	50/60Hz ± 4Hz			
	Crest factor	3:1			
	Overload capacity	110% for 10 min; 130% for 1 min; >130% for 1 sec			
	Efficiency	98% ECO mode (> 90% online mode)			
BATTERY	UPS battery quantity and size	(40) 12V 9AH	No internal batteries	(60) 12V 9AH	No internal batteries
	EBP60 battery quantity and size	(60) 12V 9AH			
	Charger amps	2A	4A	4A	12A
PHYSICAL	Input/output	Hardwired			
	UPS dimensions (W x D x H)	250 x 815 x 826 mm 9.8 x 32.0 x 32.5 in	250 x 592 x 826 mm 9.8 x 23.3 x 32.5 in	300 x 815 x 1000 mm 11.8 x 32.1 x 39.4 in	250 x 815 x 826 mm 9.8 x 32.0 x 32.5 in
	UPS weight	164 kg (362 lbs)	40 kg (88 lbs)	234 kg (516 lbs)	64 kg (141 lbs)
	EBP dimensions (W x D x H)	250 x 592 x 826 mm (9.8 x 23.3 x 32.7 in)			
	EBP weight	197 kg (435 lbs)			
ENVIRONMENT	Temperature	0–40°C (32–104°F)			
	Humidity	0–95% non condensing			
	Audible noise	< 60dBA at 1 meter			
	Altitude	3,500m (11,500ft) above sea level			
APPROVALS	CE, EN/IEC 62040-2, EN/IEC 62040-1-1, RoHS compliant				
COMMUNICATIONS INTERFACE	RS232, USB, intelligent slot for optional Web/SNMP, Relay/dry contact, and Modbus cards				
INCLUDED IN BOX	User manual, monitoring software, CD, USB cable				

## GT90 BATTERY RUNTIMES

Percentage load:	25%	50%	75%	100%
<b>GT90-20K</b>				
Standard UPS w/ battery	27	12	7	5
<b>GT90-20KL</b>				
(1) GT90-EBP60	45	19	12	8
(2) GT90-EBP60	104	45	27	19
(3) GT90-EBP60	170	73	45	31
(4) GT90-EBP60	241	104	63	45
<b>GT90-30K</b>				
Standard UPS w/ battery	27	12	7	5
<b>GT90-30KL</b>				
(1) GT90-EBP60	27	12	7	5
(2) GT90-EBP60	63	27	17	12
(3) GT90-EBP60	104	45	27	19
(4) GT90-EBP60	147	63	39	27

(Battery runtimes are shown in minutes and will vary based on battery age and site conditions.)



GT90-20K rear view

**X-TREME**  
Power Conversion®

Protect your business.

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

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

www.xpcc.com