

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

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 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	250 x 592 x 826 mm	300 x 815 x 1000 mm	250 x 815 x 826 mm		
		9.8 x 32.0 x 32.5 in	9.8 x 23.3 x 32.5 in	11.8 x 32.1 x 39.4 in	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%	
	GT90-20K				
Standard UPS w/ battery	27	12	7	5	
	GT90-20KL				
(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	
	GT90-30K				
Standard UPS w/ battery	27	12	7	5	
	GT90-30KL				
(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.)



Protect your business.

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