

EZ UPS



15 & 30kVA 3Φ

Ready to Go

3PHASE UNITY POWER FACTOR SMALL FOOTPRINT UPS WITH INTERNAL BATTERY



Designed for ease of installation, the EZ15 & 30KVA UPS are small form factor UPS with built in Maintenance Bypass and internal batteries. Simply position, wire in place and you're good to go. Up to 4 units can be placed in parallel to achieve N+N redundancy where required. Easy to read large TFT Touch Screen LCD allows comprehensive monitoring, parameter settings and access to event logs. Green Self test Function allows the unit to have full load simulation without the need for connection of an external load bank.

FEATURES

- Small Footprint
- Parallel Redundant Configuration
- Wide Input Voltage Range
- Unity output power factor
- Unity input power factor
- Low Input Current THDi
- High Efficiency
- ECO Mode
- Common Battery in Parallel
- 7in touch screen TFT display
- Emergency Power Off
- Flight Recorder Function
- Event Log
- Superior Overload Capability
- Green Self Test Function
- Safe Maintenance Bypass
- Frequency Conversion Mode
- Fan Speed Control

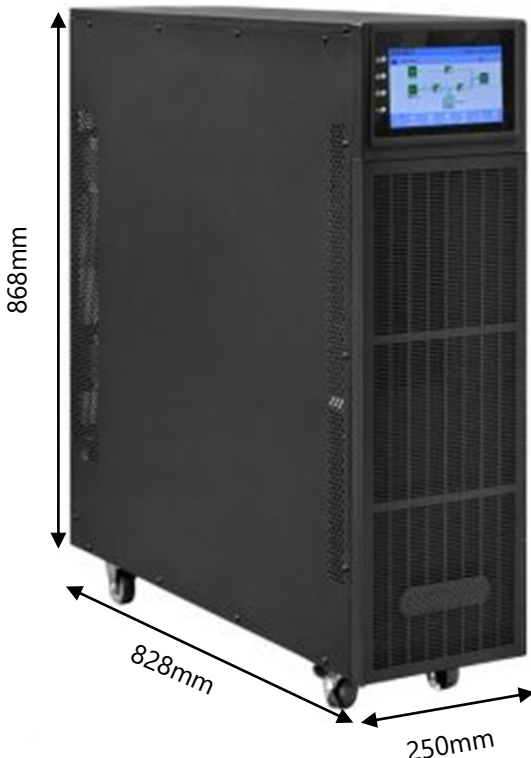
DIMENSIONS

The EZ Series occupies only 0.2m² of floor area.



TOUCH SCREEN DISPLAY

Large 7" touch screen shows UPS status and full diagnostic information including event logs, battery test, runtime remaining.



REAR PANELS



EZ15



EZ30

Comprehensive communication options including USB, RS232, RS485 and two communication slots for SNMP and relay cards. Straight forward wiring for ease of installation. Input and Output Circuit Breakers, plus maintenance bypass switch that sets UPS to bypass mode automatically when cover is removed.

Specifications

MODEL		EZ15	EZ30
Capacity (VA/Watts)		15K / 15K	30K / 30K
INPUT			
Nominal Voltage		380/400/415Vac 3PNE	
Operating Voltage Range		208-478Vac	
Operating Frequency Range		45-55Hz @ 50Hz; 54-66Hz @ 60Hz Auto Sense	
Power Factor		≥0.99	
Harmonic Distortion (THDi)		≤3% (100% Non-linear Load)	
Bypass Voltage Range		220Vac Max.voltage: +25%(optional +10%,+15%,+20%) 230Vac Max.voltage: +20%(optional +10%,+15%) 240Vac Max.voltage: +15%(optional +10%) Min. voltage: -45% (optional -20%,-30%) Frequency synchronize tracing range: ±10%	
OUTPUT			
Output Voltage		380/400/415Vac 3PNE	
Voltage Regulation		±1%	
Power Factor		1.0	
Output Frequency		Line Mode: synchronize with input; when input frequency > ±10% (±1%/±2%/±4%/±5% optional), output (50/60±0.1)Hz. Battery Mode:(50/60±0.1)Hz	
Crest Factor		3:1	
Harmonic Distortion (THDv)		≤2% with linear load ≤5% with non linear load	
Efficiency (max)		≥93.5%	≥94.5%
SYSTEM FEATURES			
Transfer Time		Utility to Battery: 0ms Utility to Bypass: 0ms	
Overload	Line Mode	Load≤110%: 60min, ≤125%: 10min, ≤150%: 1min, ≥150% to bypass.	
	Batt Mode	Load≤110%: 10min, ≤125%: 1min, ≤150%: 10sec, ≥150% immediate shutdown.	
	Bypass Mode	32A Breaker	63A Breaker
Alarm		overload, utility abnormal, UPS fault, battery Low, etc.	
Protection		short circuit, overload, over temperature, battery low, fan fault alarm.	
Communication		USB, RS485, Parallel port, Coupler dry contact, Intelligent slot for optional SNMP or Relay card	
BATTERY			
Battery Voltage		±120Vdc	
Block Quantity / Type		40x 12V 9Ah VRLA	60x 12V 9Ah VRLA
Typical Runtime (mins)	5kW	20	33
	10kW	8	14
	15kW	5	8
	20kW	-	6
	25kW	-	4
	30kW	-	3
Charge Current		2.70 A	4.50 A
PHYSICAL			
Weight		170kgs	223kgs
Dimensions (WxDxH mm)		250 x 828 x 868	

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Although every effort is made to ensure accuracy of this document, information is provided for guidance only and does not form part of any contract. Specifications are subject to change without notice.

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