

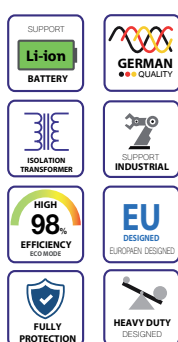
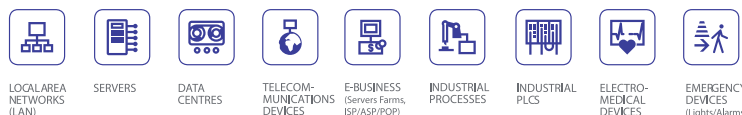


EA890

10kVA - 120 kVA

High output power factor 0.9

Three-phase/Three-phase



TIS.1291 Part 1-2553
TIS.1291 Part 2-2553
TIS.1291 Part 3-2555

Highlights

- Online double-conversion with full DSP control
- IGBT inverter with output isolation transformer
- 100% unbalance load capability
- Output power factor 0.9
- Generator compatible
- Support battery cold start and auto-restored
- ECO mode operation for energy saving
- Superior protection
- 7 inches LCD touch screen, friendly human & machine interface
- Front access makes maintenance and replacement easy (40 - 120KVA)
- Intelligent self diagnose function, all kinds of failure protection, large capability of history record storage
- High MTBF (>200,000 h)
- Low MTTR (< 0.5 h)
- Standard emergency power off (EPO)
- Standard RS232, RS485, dry contacts communication port
- Optional SNMP communication port
- Optional N+X redundancy parallel up to 8 units

EA890 10 ~ 120 kVA is a intelligent 3 phase in 3 phase out uninterruptible power supply, it adopts double transform high frequency PWM and high performance digital control technique (DSP), with perfect protection, super network management function, reasonable man-machine interface and a series of precision design, meets all high reliability requirements of uninterruptible power supply and integrates reliable, safety, maintainability characteristics of a new generation low frequency UPS



Your choice of power protection



EA890

10kVA -120 kVA

Three-phase/Three-phase

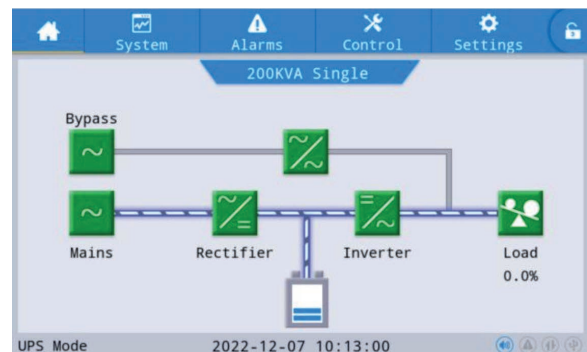
www.bcn-ups.com



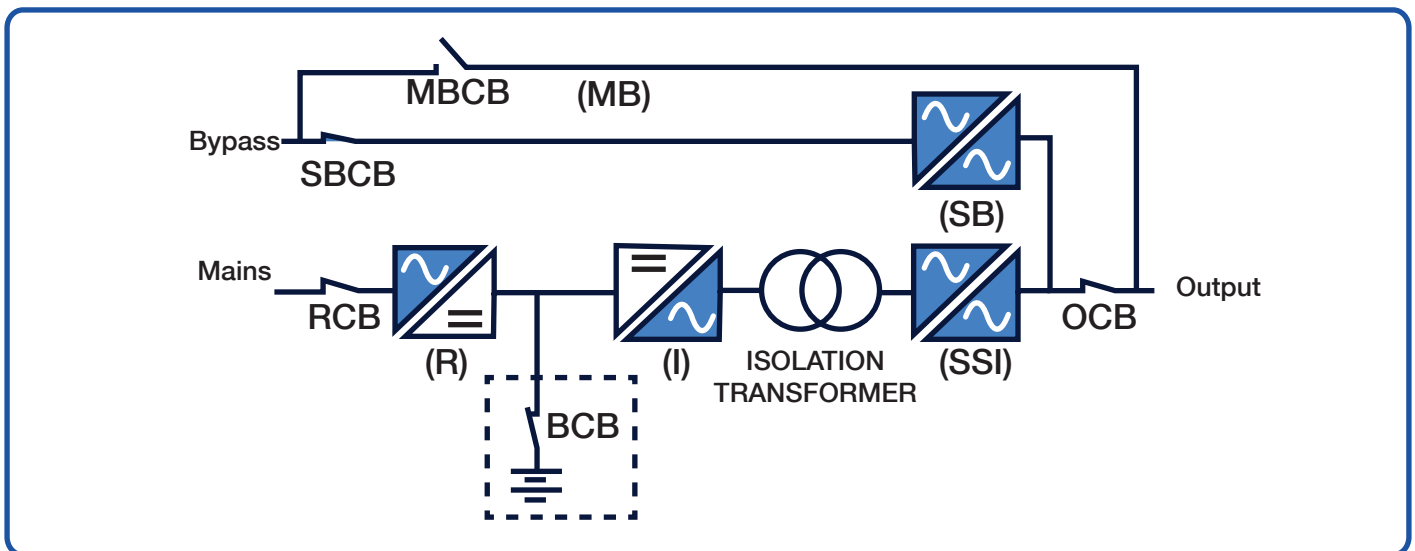
Display Panel



7 inches touch screen



Single Diagram



Your choice of power protection



EA890

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Application



Data Center



PLC System



Precision Instrument



Automation Equipment



Auto Manufacturing



Power Plant



Petrochemical Industry



Glass & Metallurgy Industry

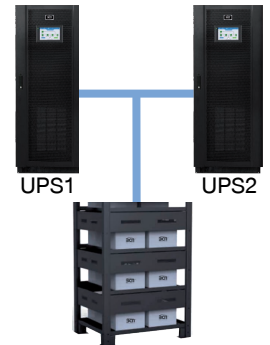
Battery Flexible



60-120kVA adjustable number of battery : 28/29/30/31/32pcs

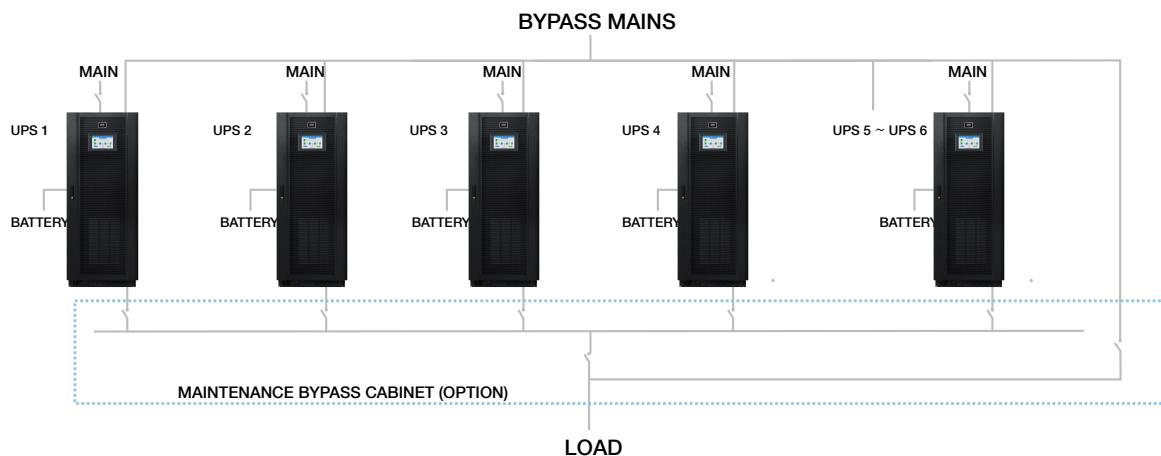


10-40kVA with battery cabinet



Common battery

Parallel configuration up to 8 units



Your choice of power protection

EA890

10kVA -120 kVA Three-phase/Three-phase

MODELS	EA8910	EA8915	EA8920	EA8930	EA8940	EA8960	EA8980	EA89100	EA89120
Capacity (VA)	10KVA	15KVA	20KVA	30KVA	40KVA	60KVA	80KVA	100KVA	120KVA
Power (W)	9KW	13.5KW	18KW	27KW	36KW	54KW	72KW	90KW	108KW
INPUT									
Voltage	380/400/415Vac or 200 / 208 / 220Vac (Option)*								
Phase	Three Phase + N + PE (3Φ + N + PE) or Three phase (3Φ) (Option)*								
Voltage range	380Vac ± 25% or 208Vac ± 25% (Option)*								
Frequency range	50/60Hz ± 5%								
Power factor	≥ 0.95 (with filter)								
Current distortion	≤3%								
Bypass voltage range	± 20%								
ECO voltage range	± 10%								
OUTPUT									
Voltage	380/400/415Vac (3Φ + N + PE) or 200 / 208 / 220Vac(3Φ) (Option)*								
Voltage regulation	± 1%								
Frequency	synchronized with utility in mains mode; 50Hz/60Hz ±0.1% in battery mode								
Waveform	Pure sine wave (Sinusoidal)								
Power factor	0.9								
THD	Linear load ≤2%; Non-linear load≤5%								
Overload	105%: long time running; 110% - 125% : transfer to bypass in 10 mins; 150% - 200% : transfer to bypass in 200 ms;					105% - 110% : transfer to bypass in 1 h; 110% - 125% : transfer to bypass in 10 mins; > 200% : transfer to bypass in 100 ms;			
Crest factor	3:1								
TRANSFER TIME									
AC mode » Battery mode	0ms (zero time)								
Inverter mode » Bypass	0ms (zero time)								
ECO mode » Inverter mode	5-10 ms								
BATTERY									
Battery voltage	360Vdc (Default)								
Number of battery	28-32 pcs; 28/29/30/31/32 pcs (Settable)								
Charger current	25A	25A	50A	75A	100A	150A	150A	200A	200A
Battery state display	Display battery backup time, battery remaining capacity								
Battery self-test	Settable periodic self-test; manually configurable test time and voltage								
DISPLAY									
LED	Input, inverter, bypass, battery, output status								
LCD	Input & output voltage, frequency, power factor, battery voltage, battery current, battery status, load percentage, UPS status, history record, parameters setting								
COMMUNICATION									
Interface	Dry contact, RS232, RS485, SNMP card slot								
ENVIRONMENT									
Working temperature	0~40℃								
Humidity	0~95% non-condensing								
Storage temperature	-25℃~-55℃								
Noise (1m)	65dBA								
PHYSICAL CHARACTERISTICS									
Net weight (Kg)	300	305	310	330	350	460	590	630	690
Gross weight (Kg)	320	325	330	350	370	480	620	660	720
Dimension (WxDxH) mm	500x800x1400		500x800x1600			600x800x1600	800x900x1800		
Packaged dimensions (WxDxH) mm	600x945x1575		600x945x1775			690x990x1775	890x990x1975		

*Option: Input/Output Three Phase Three Wires; (3Φ:3Φ)
 Input 200/208/220Vac (3Φ)
 Output 200/208/220Vac (3Φ)

- All specifications subject to change without notice.
- Custom-made specifications are acceptable.
- Manufactured by factory with ISO 9001, ISO 14001, CE, STANDARD



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