

## Zeta Modular Series, 25KVA Power Module

**Reference Standard- Safety** - IEC/EN62040-1, IEC/EN60950-1 **EMC** - IEC/EN62040-2, IEC61000-4-2, IEC61000-4-3, IEC61000-4-4, IEC61000-4-5, IEC61000-4-6, IEC61000-4-8



### Modular Design

- All units adopt modular design, these include power module, bypass module, monitoring module, which means can be easily integrated in MDC or customized cabinet.
- Power module, Bypass module, Monitoring module, ECU control module, all these modules are supported hot-swappable

### High Reliability

- Width input voltage range, line voltage range is 138-485V, UPS would be derating when input voltage is below 305V.
- UPS adopts multiple digital bus and redundancy parallel control system, make sure the whole system keep online if any single circuit fail.
- The UPS will keep on single or parallel working, if any module failed.

### Green and Power Saving

- High input power factor, it is up to 0.99.
- Three level topology design, efficiency is up to 95.8%.
- THDi<3% (100% nonlinear load)
- The UPS will be work on sleeping mode when the load is very less.
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### Parallel Redundancy Function

- Support parallel expanded operation: maximum is 6 units
- Support sharing batteries for the UPS in parallel.

### Flexible Battery Configuration

- Batteries number of each group can be selected from 30 pieces to 50 pieces.
- Large charging current can meet the requirement of long time backup.



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### Strong Load Capacity

- Output power factor is 1.0, UPS can supply power to 100% unbalance load.
- High adaptability for load, it can connect full inductive load or capacitive load.

### Intelligent Management

- With 7 inches (standard) colorful touch LCD screen. Support recording and exporting historic logs and fault logs.
- Support RS485, SNMP, Dry contact card, support RJ 45 interface and CAN interface.
- Support upgrade of CAN of power module inside of cabinet.
- Support upper-bottom cable access method 60K/150K/300K bottom entry, 300K top entry optional.
- EPO & REPO function.

### Power Module - Hotswappable



- Power Module - 2U Size

### Additional Accessories



Optimized Battery  
Configuration 7Ah/9Ah (12V)



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### Technical Specifications

Model	E050ZET33-25	E0100ZET33-25	E0150ZET33-25		
Capacity (W)	UPS Cabinet	25k~50k / 25k~50k	25k~100k / 25k~100k		
	Module		E025ZPM333		
	Max. Number	2	4		
<b>Input</b>					
Nominal Voltage	380/400/415Vac, (3Ph+N+PE)				
Operating Voltage Range	304~478VAC(L-L)full load; 304~228VAC (L-L) power derate from 100% to 50%				
Operating Frequency Range	40Hz-70Hz				
Power Factor	≥0.99				
Harmonic Distortion (THDi)	≤2% (100% linear load)				
Bypass Voltage Range	380/400/415VAC(L-L) Range: -40% - +25% , Settable, default -20% +15%				
Bypass Frequency Range	Frequency protection range: ±10%				
Generator Input	Support				
<b>Output</b>					
Rated Voltage	380/400/415Vac, (3Ph+N+PE)				
Power Factor	1.0				
Voltage Regulation	±1%				
Output Frequency	Line Mode	±1%/±2%/±4%/±5%/±10% of the rated frequency(optional)			
	Bat. Mode	(50/60±0.1%)Hz			
Crest Factor	3:1				
Harmonic Distortion (THDv)	<1% (linear load), <5% (non-linear load according to IEC 62040-3)				
<b>Efficiency</b>					
Efficiency	UP to 96.6%				
<b>Battery</b>					
Battery voltage	±240Vdc				
Power module Charge Current	50% of POut				



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### Technical Specifications

Model		E050ZET33-25	E0100ZET33-25	E0150ZET33-25
Capacity (W)	UPS Cabinet	25k~50k / 25k~50k	25k~100k / 25k~100k	25k~150k / 25k~150k
	Module		E025ZPM333	
	Max. Number	2	4	6

### System Features

Transfer time	Utility to Battery : 0ms; Utility to bypass: 0ms
Overload	≤110% overload for 60 min; ≤125% overload for 10 min; ≥150% overload for 1 min
	135% overload for long term; >1000% overload for 100 ms
Overheat	Line Mode: Switch to Bypass; Backup Mode: Shut down UPS immediately
Low battery voltage	Alarm and Switch off
Self-diagnostics	Upon Power On and Software Control
Backfeed protection	Support
EPO(optional)	Shut down UPS immediately
Battery	Advanced Battery Management
Noise suppression	Complies with EN62040-3
Audible & Visual alarms	Line Failure, Battery Low, Overload, System Fault
Status LED & LCD display	Line Mode, Bypass Mode, Battery Low, Battery Fault, Overload & UPS Fault
Reading on the LCD display	Input, Output, Battery, Command, Setting, Maintenance
Communication interface	CAN,RS485,Parallel, Dry contact port, Relay card(optional), SNMP card(optional),Battery temperature sensor(optional)

### Environmental

Operating temperature	0°C~40°C
Storage temperature	-25°C~55°C
Humidity range	0~95% (non condensing)
Altitude	< 1500m
Noise level(from 1M distance)	65dB @ 100% load, 62dB @ 45% load

### Physical

Dimension W×HxD (mm)	UPS Cabinet	442 x 841 x 797		
	Power Module	440 x 620 x 86 (2U)		
Net weight (kg)	UPS Cabinet	91.9	120	147.7
	Power Module		13.95kg	

