



CENTRIC 1250
PREMIUM+ Series
400-1250kW
Modular UPS

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www.deltronpower.com



CENTRIC 1250 PREMIUM+ Series

Product Description

Centric Premium series 3-in 3-out UPS, adopts advanced 3-level inverter technology and reliable redundancy design from components to the whole machine. It has the advantages of high efficiency, high power density, easy expansion, capacity expansion as required and small occupied area, and provides reliable, stable and pure green power for loads.



Power Modular 100kW, 125kW

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- Modular capacity: 100kW, 125kW
 - Cabinet capacity: 400/500/600/800/1000/1200/1250kVA
 - Rated voltage: 380/400/415Vac (L-L)
 - Rated frequency: 50/60Hz
 - Topology: online double conversion UPS
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Application Fields

- Large data center, communications
- Government, taxation, education
- Finance, transportation, energy





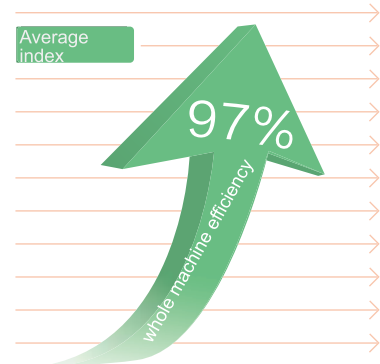
Efficient & Saving

Green Saving

- The latest IGBT rectification technology is adopted to realize ultra-low input current harmonics, which eliminates the pollution to the power grid, reduces the cost of power factor compensation and harmonic control, and reduces the cable loss. It protects both the load and the power grid.
- The input power factor is greater than 0.99, which improves the utilization rate of electric energy, reduces the distribution loss at the front end of UPS and reduces the input cost of customers.

High Efficiency

- The efficiency of the whole machine is as high as 97%, which greatly saves energy consumption (UPS heat consumption and air conditioning energy consumption) and reduces operating costs.
- The output power factor is 1.0 by default, with the same equipment input cost, greater active output and higher cost performance, which meets the requirements of different application scenarios for high output power factor.
- When the quality of mains supply is high, the ECO mode can be used to supply power to the load, the efficiency of the whole machine is as high as 99%, and the energy saving benefit is remarkable



Intelligent & Reliable & Friendly

User-friendly Interface

- Innovative application of data intelligent acquisition technology enables check of all product data in the parallel system on the control panel of any product.
- Large-size color touch screen design and humanized operation
- Double key combination of on and off, double protection of soft and hard
- EPO button with protective cover for emergency shut-off, misoperation prevention design, safety double upgrade
- Man-machine interface is friendly, close to customers' habits, and the software is rich in functions, which is convenient for users to read information and operate.
- Support asset management of vulnerable devices and spare parts



Intelligent setting



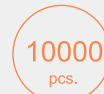
Friendly management



Double button design



7-inch touch screen



10000 pcs.
history records



Multi-language

Technical Specifications

Model	C400-PR+	C500-PR+	C600-PR+	C800-PR+	C1000-PR+	C1200-PR+	C1250-PR+
100kW System Capacity (kVA/kW)	100~400	100-500	100-600	100-800	100-1000	100-1200	/
125kW System Capacity (kVA/kW)	/	125-500	125-600	125-800	125-1000	/	125-1250
Input							
Voltage Range (Vac)	138~485 (324~485 no derating, 138~323 linear derating)						
Frequency Range (Hz)	40~70						
Power Factor	>0.99						
Phase	3Ph+N+PE/3Ph+PE (optional)						
Bypass synchronization tracking range (Hz)	50/60±4						
Bypass input voltage range (Vac)	304~438						
Battery Voltage(VDC)	±180~±300						
Output							
Power Factor	1.0						
Phase	3Ph+N+PE						
Voltage (Vac)	380/400/415±1%						
Frequency (Hz)	50/60±0.1%						
THDv	THD<1% (linear load), THD<3% (nonlinear load)						
Max. Efficiency	97%						
Overload Capacity	106-110% load for 60 minutes, 111%-125% load for 10 minutes, 126%-150% load for 1minute, 151%~200% load change to bypass immediately						
Static Bypass Transfer Time	0						
Cool Start	Yes						
Other							
Battery Type	Lead-acid batteries and lithium iron phosphate batteries						
Battery pack sharing function	Yes						
Communication Interface	RS232, RS485, Dry contact, MODBUS, SNMP (optional)						
Alarm	Input abnormal, battery low-voltage, output overload, UPS failure						
Protection	Short-circuit, overload, over-temperature, battery under voltage, input under voltage						
Noise (dB)	<70						
Operating Temperature (°C)	0~40						
Relative Humidity	0~95%, no condensation						
Routing mode	Upper and lower incoming lines				Upper incoming line		
Dimension (W×D×H)(mm)	1200*1000*2000			1400*1000*2000		1800*1000*2000	
Weight(kg)	Cabinet	480	506	580	650	740	
	Bypass Module	32	50	60	80		
	100kW Module	55					
	125kW Module	60					

- There are other optional accessories to choose from;
- Specifications are subject to change without notice;
- Because of module redundancy, it is not recommended to configure only one power module.