

DCP POWER SERIES

6~10kVA 1:1 phase PF: 0.9



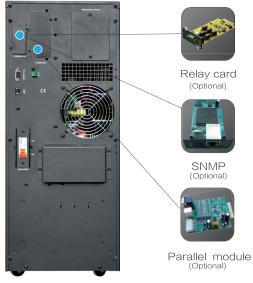
Control Panel

Features

- N+X parallel redundancy
- Online double conversion with DSP control
- Input current harmonic: <3%
- Optimization battery group, the quantity of battery: 16/18/20 pieces (optional)
- High output power factor at 0.9PF
- Wide input voltage range: 120~276Vac
- Wide input frequency range (50Hz: 45~55Hz / 60Hz: 54~66Hz)
- Support generator input
- Support economic (ECO) operation mode
- Self-testing when UPS startup
- Options: SNMP card/Relay card/ Parallel card
- Cold start



Battery Cabinets (Optional)



Rear Panel

Technical Specifications:

	ER	6 kVA	10 kVA
Capacity (VA	∿Watts)	6k / 5.4k	10k / 9k
INPUT			
Nominal volta	age	220/230/240	√ac
Operating voltage range		120~276Vac	
Operating frequency range		50Hz:45~55Hz;60Hz:54~66Hz(Auto sensing)	
Power factor		≥0.99	
		Max.voltage: 220V: +25%(optional +10%,+15%,+20%)	
Bypass voltage range		230V: +20% (optional +10%,+15%)	
		240V: +15% (optional +10%)	
		Min.voltage: -45% (optional -20%,-30%)	
ECO range		Same as the bypass	
Harmonic distortion (THDi)		<3%(100% linear load)	
Generator in	iput	Support	
OUTPUT			
Rated voltage		220/230/240Vac	
Power factor		0.9	
Voltage regu	ulation	± 1%	
	Line mode	± 1%/ ± 2%/ ± 4%/ ± 5%/ ± 10% of t	he rated frequency(optional)
Frequency	Bat. mode	50/60(±0.1)	
Crest factor		3:1	
		≤2% with linear load	
Harmonic distortion (THDv)		≤2% with intear load ≤5% with non-linear load	
Efficiency		>93.5%	
BATTERY			
Battery voltage		±96/108/120Vdc (optional)
Capacity (St	andard unit)	12V/9Ah	
Typical recharging time		6~8 hours (to 90% of full capacity)	
Charging current		1A(Standard unit); Long run unit Max.current10A(charging current can be set according to battery capacity installed	
SYSTEM F	EATURES		
		Mains to battery:0ms: Main	is to bypass:0ms
Transfer time	e	Mains to battery:0ms; Mair	
	e Line mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: las	t 1min, >150% turn to bypass mode immediately
Transfer time Overload	e	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: las 40A(Breaker)	t 1min, >150% turn to bypass mode immediately 63A(Breaker)
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Transfer time Overload Short circuit Overheat	e Line mode	Load≤110%: last 60min, ≤125%: last 10min, ≤150%: last 40A(Breaker) Hold whole sy: Line mode:Turn to bypass; Backup mod	t 1min, >150% turn to bypass mode immediately 63A(Breaker) stem e: shut down UPS immediately
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Specifications are subject to change without prior notice.