



# DCP Power 33 Series

Online high frequency UPS

- Self-load test function
- 32 bit high speed DSP
- 30-44 units adjustable battery configuration
- Compatible with lithium battery



UPS (10KVA - 200KVA)

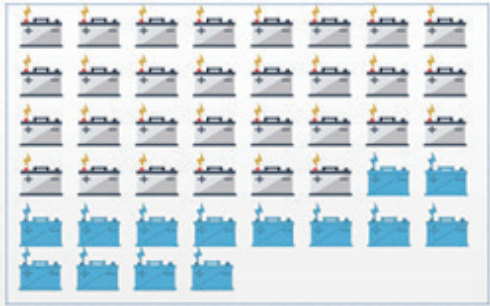
Power Range

3 phase in, 3 phase out,  
10kVA-200kVA

Application

Computers, data centers, network  
device,telecommunication, preci-  
sion instrument.

Adjustable Battery Configuration



Performance characteristics

Advanced Technology

- Wide input voltage
- 50/60Hz auto sensing
- Input power factor correction
- 32 bit high speed digital signal processing DSP
- Self-load test function without loads
- N+X parallel function

Outstanding Flexibility

- Adjustable battery numbers: 30-44 units
- Generator compatible
- Comprehensive display for easy monitoring
- Cold start function
- Output isolation transformer as optional

Green Performance

- ECO mode for energy saving
- Input PF ≥ 0.99@100% load

Performance

DCP POWER MODEL											
Capacity	10kVA	20kVA	30kVA	40kVA	50kVA	60kVA	80kVA	100kVA	120kVA	160kVA	200kVA
Input											
Rated Voltage	380Vac (3 phase+N)										
Voltage Range	304Vac~478Vac (line voltage) full load; 304Vac~228Vac (line voltage) load derated linearly from100% to 80%										
Frequency Range	40Hz ~ 70 Hz										
Power Factor	≥ 0.99@100% load; ≥ 0.98@50% load										
THDi	< 3% (100% linear load) ; < 5% (100%nonlinear load)										
Output											
Output Voltage	380/400/415Vac (3phase+N);										
Voltage Accuracy	±1%@balanced load; ±5%@unbalanced										
THDu	≤2% (100% linear load) ; ≤4% (nonlinear load)										
Power Factor	0.9 (1 optional)										
Frequency Range	±2Hz (settable); ±0.5Hz、±1Hz、±3Hz (settable) (Synchronizing Range)										
Frequency Range	50 Hz ± 0.1 Hz or 60Hz ± 0.1 Hz (Battery Mode)										
Overload	< 105%, long run; < 110%, 60 min; 110 ~ 125% rated load, load 10 min; > 125 ~ 150% rated load, load1 min; > 150%, 200ms										
Crest Factor	3:1(maximum)										
Switching Time	0 ms (Main power ↔ Battery)										
	1 ms (phase lock failure, <2ms interrupt occurs) (Inverter ⇌ Bypass)										
	<2 ms (Inverter ↔ ECO)										
Efficiency											
Inverter Mode	≥95%										
ECO Mode	≥99%										
Battery											
Number	Long backup	32; 30 ~ 44 (±15~±22) (settable)									
	Standard backup	(30~60) x7AH/9AH	(60~80) x7AH/9AH			NA					
Charging Current	Capacity* 15%/N/12 (N=±15-22)										
Charging Voltage	± 13.65Vdc * N ± 1% (N=±15-22)										
Physical											
Long backup	Size WxDxH(mm)	280 x 685 x 725		425 x 780 x 1200			600 x 800 x 1600		600 x 960 x 1600/2000	600 x 1010 x 2000	
	Net Weight(kg)	45		108			230		310	360	460
Standard backup	Size WxDxH(mm)	400 x 685 x 1000		425 x 780 x 1580			NA				
	Net Weight(kg)	62(w/o battery)		135(w/o battery)			NA				
Environment											
Working Temperature	0~ 40°C battery life will be shorten when temperature> 25°C										
Relative Humidity	0~95% no condensation										
Altitude	1000 meters no derate, > 1000 meters derating 1% for every 100 meters rise										
Noise	≤60dB (A)@ 1 meter										
Management											
Intelligent RS232/RS485	Support Windows® 2000/2003/XP/Vista/2008、Windows® 7/8/10、Linux and MAC										
Optional	SNMP/Dry contact										

\* Specifications are subject to change without prior notice.