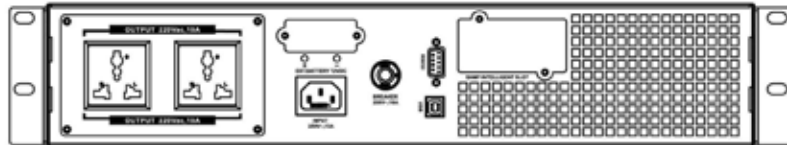


UPS Performance and Features

Can connected with multiple battery pack in parallel.

Long back up UPS can be freely connected with the battery pack, not only save the space, we also can increase the battery pack's quantity (Max. 15pcs battery pack), to meet the different users' need.



Faster maintenance

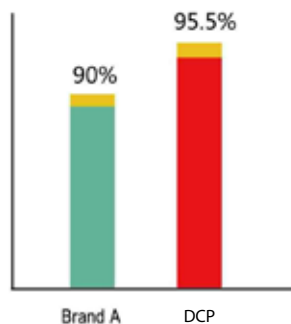
The long back up model and the standard model use the same PCBA. It is very simple to connect and easy to maintain, so greatly improve the speed and reliability of maintenance, and users can adjust the required parameters through the LCD.

Save power

At present, the efficiency of some brands in the market is generally between 80% ~ 93%. Take our SVC 3KVA and 6KVA as a sample, compared with the model which the efficiency is 90% in the market.



Saving fee per year for 3KVA
(0.955-0.9)*3000W*24 hours*365 day≈1445Kwh



SPECIFICATION 1-3KVA

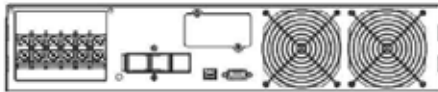
Model	DCP-1K-RT	DCP-1KL-RT	DCP-2K-RT	DCP-2KL-RT	DCP-3K-RT	DCP-3KL-RT
Rated Capacity	1kVA /900W		2kVA/1800W		3kVA/2700W	
INPUT						
Input Formats	L+N+PE					
Rated Input Voltage	208/220/230/240VAC					
Voltage Range	110~300VAC (110~176VAC,280~300VAC power limited)					
Frequency Range	50/60Hz±6Hz,± 10Hz (setable)					
Input Power Factor	≥ 0.99					
Input Harmonic Distortion	≤ 3% THD(linear load), ≤ 5% THD(non-linear load) PF=0.8					
OUTPUT						
Output Formats	L+N+PE					
Output Voltage	208/220/230/240VAC					
Output Accuracy	± 1%					
Output Frequency	AC mode: same as AC ,Battery mode:50/60Hz± 1%					
Output Harmonic Distortion	≤ 1% THD(linear load), ≤ 3% THD(non-linear load) PF=0.8					
Output Power Factor	1.0					
Transform Time	AC mode to Batt. Mode:0ms,Inverter mode to Bypass mode:4ms					
Load Capacity	AC Mode: 30min@102%~110% Load 10min@110%~130% Load 30s@130%~150% Load 200ms@>150% Load			Battery Mode: 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 200ms@>150% Load		
Machine Efficiency						
AC Mode	Full load efficiency 94.5%@220VAC		Full load efficiency 95.5%@220VAC		Full load efficiency 95.5%@220VAC	
Battery Mode	Full load efficiency 89.5%@36VDC		Full load efficiency 91.5%@72VDC		Full load efficiency 91.5%@ 96VDC	
Battery Mode	Full load efficiency 89.5%@24VDC		Full load efficiency 91.5%@ 48VDC		Full load efficiency 91.5%@ 72VDC	
BATTERY						
Battery Quantity	7Ah x 2/7Ah x 3	36V	7Ah x 4/ 7Ah x 6	72V	7Ah x 4/ 7Ah x 6	96V
Backup Time	Depend on user's requirement and configuration					
Charge Current	RT1K-3K : 1.0A(default) ,1-2A(adjustable) External battery back; RT1KL-3KL: 5.0A(default) ,1-12A(adjustable) .					
WORKING ENVIRONMENT						
Ambient Temperature	0~40℃					
Ambient Humidity	20%~95% (No Condensation)					
Storage Temperature	-15~60℃(Battery:0~40℃)					
Altitude	<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040					
DISPLAY						
LCD	Working mode/load/battery power/input/output ect.					
STANDARD & CERTIFICATION						
Standard & Certification:	EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc.					
PHYSICAL						
case size (L*W*H)	440*80*420		440*80*600	440*80*420	440*80*600	440*80*420
Weight(KG)	12.6/14.6 (1pcs)	8.5 (1pcs)	20.3/25.0 (1pcs)	12.8 (1pcs)	20.5/25.2 (1pcs)	13.0(1pcs)
Carton size(L*W*H)	485*380*350		730*595*227	485*380*350	730*595*227	485*380*350
COMMUNICATION INTERFACE						
INTERFACE	1*USB,1*RS232,1*EPO					

*Product specifications are subject to change without notice.

UPS Performance and Features

Can connected with multiple battery pack in parallel.

Long back up UPS can be freely connected with the battery pack, not only save the space, we also can increase the battery pack's quantity (Max. 15pcs battery pack), to meet the different users' need.



Rack mount UPS



Battery Pack

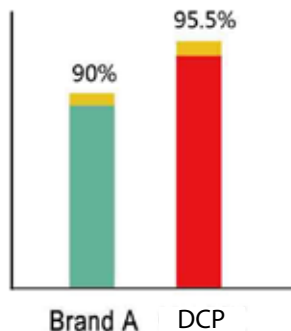


Faster maintenance

The long back up model and the standard model use the same PCBA. It is very simple to connect and easy to maintain, so greatly improve the speed and reliability of maintenance, and users can adjust the required parameters through the LCD.

Save power

At present, the efficiency of some brands in the market is generally between 80% ~ 93%. Take our SVC 3KVA and 6KVA as a sample, compared with the model which the efficiency is 90% in the market.



Saving fee per year for 3KVA
 $(0.955-0.9) \times 3000W \times 24 \text{ hours} \times 365 \text{ day} \approx 1445Kwh$

SPECIFICATION 6-10KVA

Model	DCP-6K-RT	DCP-6KL-RT	DCP-10K-RT	DCP-10KL-RT
Rated Capacity	6kVA/5400W		10kVA / 9000W	
INPUT				
Input Formats	L+N+PE			
Rated Input Voltage	208/220/230/240VAC			
Voltage Range	110~300VAC (110~176VAC,264~300VAC power limited)			
Frequency Range	50/60Hz±6Hz, ±10Hz(can be setting)			
Input Power Factor	≥ 0.99			
Input Harmonic Distortion	≤5% THD(linear load), ≤8% THD(non-linear load) PF=0.8			
OUTPUT				
Output Formats	L+N+PE			
Output Voltage	208/220/230/240VAC			
Output Accuracy	± 1%			
Output Frequency	Online mode:according to AC frequency , Battery mode:50/60Hz± 1%			
Output Harmonic Distortion	≤2% THD(linear load), ≤5% THD(non-linear load) PF=0.8			
Output Power Factor	1.0			
Switching Time	0ms (w/o ECO function)			
Load Capacity	AC Mode: 30min@ 102%~110% Load 10min@ 110%~130% Load 30s@130%~150% Load 500ms@>150% Load		Battery Mode: 10min@ 102%~110% Load 1min@110%~130% Load 10s@130%~150% Load 500ms@>150% Load	
Machine Efficiency				
AC Mode	Maximum efficiency 95.5%, Full load efficiency 95%			
Battery Mode	Maximum efficiency 95.3%, Full load efficiency 94.8%(20pcs batteries)			
Charger				
Battery Quantity	Adjustable from 16/18/20pcs,Default 16PCS(Refer 4.4 for details)			
Battery Type	Lead acid battery			
Charge Current	Adjustable from 1~12A(PF=0.8,Adjustable 1~8A),Default 1A			
Charging Mode	Two/Three Period Charging			
WORKING ENVIRONMENT				
Ambient Temperature	0~40℃			
Ambient Humidity	20%~95% (No Condensation)			
Storage Temperature	-15~60℃(Battery:0~40℃)			
Altitude	<1000m,Derating at above 1000m,maximum 4000m,Refer to IEC62040			
DISPLAY				
LCD	Working mode/load/battery power/input/output ect.			
STANDARD & CERTIFICATION				
Standard & Certification	EN/IEC 61000,EN/IEC 62040,GB/T4943,YD/T 1095,TLC etc.			
PHYSICAL				
case size (L*W*H)	Rack mount UPS case size : 438*88*470 mm ; Battery Pack case size: 438*88*690mm			
Net Weight(KG)	9.5kg (PF=1.0) Not include battery pack		10.25kg (PF=1.0) Not include battery pack	
Gross Weight(KG)	11.45kg (PF=1.0) Not include battery pack		12.2kg (PF=1.0) Not include battery pack	
Carton size(L*W*H)	570*595*230			
COMMUNICATION INTERFACE				
INTERFACE	1*USB,1*RS232,1*EPO			

*Product specifications are subject to change without notice.