

SCU UPS

DPQ Series STS

10 A-400 A

Wire in/out mode: Single phase, three phase

OVERVIEW

DPQ series STS (Static Transfer Switch) solution provides an automatic, seamless transfer between your business-critical load and the outputs of two independent UPS Systems in a dual-bus power configuration.



Application

Automatic control system of data rooms, communication rooms and power industry, power supply system of petrochemical industry, security prevention system of intelligent building and other mission critical environments.

DPQ-11

- Static Transfer Switch
- 2 input source, 1 as priority, 1 as standby
- 1/1 mode: 20A, 32A, 50A
- 1/1 mode, rackmount
- 440*380*44 W*D*H (mm)
- 7kg



DPQ-33

- Static Transfer Switch
- 2 input source, 1 as priority, 1 as standby
- 3/3 mode: 100A, 160A, 200A, 250A,400A
- 3/3 mode, cabinet
- 600*800*1400 600*800*2000 W*D*H (mm)
- 300kg

FEATURES

- Intelligent monitor, diagnostics and alarming
- Priority source: the user chooses one source as main source and another as standby
- Transfer time : 5ms maximum auto transfers between AC power sources
- Protection: if the STS fail, the system will choose one input source as fix source, to ensure uninterruptible power supply
- Break-before-made switching, automatic switching
- Manual and automatic transfers

DPQ11 STS Technical Specification

Model	DPQ11-020	DPQ11-032	DPQ11-050
Current rating	20A	32A	50A
Input voltage	220±15%		
Output voltage	220±15%		
Frequency	50Hz/60Hz		
Auto transfer time	≤5 ms (synchronic); ≤10 ms (non-synchronic)		
Transfer mode	break before make		
Transfer condition	synchronic or non-synchronic		
Peck factor	4:1		
Efficiency	>99%		
Cooling	natural cooling		
Temperature increase	<10°C		
Operation temperature	-15°C~55°C		
Relative humidity	20%-93% non-cadency		
Operating altitude	≤ 2000 m		
Outline	Rack mounted 19inch 1U		
Dimension (W*D*H)	440*380*44 (mm)		

DPQ33 STS Technical Specification

Model	DPQ33-63	DPQ33-100	DPQ33-160	DPQ33-200	DPQ33-250	DPQ33-400
Current rating	63A	100A	160A	200A	250A	400A
Input voltage	380±15%					
Output voltage	380±15%					
Frequency	50Hz/60Hz					
Auto transfer time	≤5 ms (synchronic); ≤10 ms (non-synchronic)					
Transfer mode	break before make					
Transfer condition	synchronic or non-synchronic					
Peck factor	4:1					
Efficiency	>99%					
Cooling	natural cooling					
Temperature increase	<20°C					
Operation temperature	-15°C~55°C					
Relative humidity	20%-93% non-cadency					
Operating altitude	≤ 2000m					
Protection level	IP 30					
Outline	600*800*1400 (mm)			600*800*2000 (mm)		