



**Tunnel UPS  
2-40KVA**

**Tunnel /Ship/Island UPS**

With the rapid development of our Country mountain area highway and tunnel project, how to ensure the safety of the highway tunnel has been the primary problem of tunnel design. Highway tunnel is a closed environment, ventilation, lighting, fire protection, monitoring and other supporting facilities are the basic equipment to ensure the safety of tunnel operation. In order to provide safe and reliable power supply system for these devices is particularly important. Aim at highway tunnel environment, we launched the tunnel dedicated UPS.

**Details display**



Spraying three-proofing lacquer



Up and down separate design



Replaceable anti-dust mesh

**Technical parameter**

Model #	SDB2K	SDB3K	SDB6K	SDB10K	SDB20K	SD3B310K	SD3B320K	SD3B330K	SD3B340K	
Capacity	2KVA	3KVA	6KVA	10KVA	20KVA	10KVA	20KVA	30KVA	40KVA	
<b>INPUT</b>										
Voltage	220AC+25%					380VAC+25%				
Frequency	45-55HZ / 55-65HZ									
<b>OUTPUT</b>										
Voltage	220VAC ± 1%					220-240VAC (phase voltage can be set)				
Frequency	50 ± 0.05%/60HZ ± 0.05%									
Transient response	Full load ± 0.05%									
Waveform	Sine wave									
Crest factor	3:1									
Efficiency	>85%									
Output power factor	0.8									
Degree of distortion	Linear load THD<3%;Nonlinear load<5%									
<b>BATTERY</b>										
DC voltage	192VDC					384VDC				
Quantity	12V*16/pcs					12V*32/pcs				
<b>TRANSFER TIME</b>										
AC fault	0ms									
UPS fault	0ms									
<b>ALARM</b>										
AC fault	Continuous alarm every 2 seconds, Alarm will stop automatically after 90 seconds									
DC low voltage	Continuous alarm every 2 seconds until power off,battery LED flashes every 1 second									
UPS overload	Continuous alarm									
<b>PROTECTION</b>										
Overload	105%-125% transfer bypass after 5 minutes;130-150% transfer bypass after 30 seconds and recover invert output									
Battery	Fuse									
Short circuit	Cut off invert and output after 0.1 seconds (battery mode)									
Over-temperature	Transfer bypass mode when temperature of the invert radiator is more than 85 °C ( ± 5)									
<b>DISPLAY</b>										
LCD	LED indicates the status,Mains input/bypass/invert/battery/overload/fault									
LED	Input volt/output volt/battery volt/frequency/load percentage/UPS working status									
<b>PARAMETER</b>										
Temperature	0-45°C									
Noise	<58DB within 1 meter distance									
Protection grade	IP65									
Weight (kg)	58/90	60/99	65/104	58/113	60/115	116	161	127	195	
Volume (W*D*H) (mm)	230*590*540 / 230*590*750					480*340*860	480*540*860	520*420*940	620*420*1010	
<b>STANDARD</b>										
TCL certification: YD/T1095-2008										

Note:

- 1、“L” is long backup UPS, “S” is standard UPS;
- 2、Because the products are continuously improved, please contact the company or dealer to inquiry the latest specification.