

BK-DTS series main technology parameters

Model NS Series	DTS-10	DTS-15	DTS-20	DTS-30	DTS-40	DTS-50	DTS-60	DTS-80
Nominal capacity	10KVA	15KVA	20KVA	30KVA	40KVA	50KVA	60KVA	80KVA
Work principle	Online, static bypass switch (0 transfer), double conversion technology, input and output fully isolate.							
AC input	0~1.0							
Phase	Single phase/three phase+N+G							
Nominal voltage	220V/380V±25%							
Nominal frequency	50Hz/60Hz±5%							
Input power factor	≥0.92(with input filter)							
Soft start	0%-100% 5sec							
Bypass input								
Phase	Single phase/three phase							
Nominal voltage	220V±20% /380V±20%							
Nominal frequency	50Hz/60Hz±5%							
inverter/ bypass transfer time	0ms							
DC system								
Nominal DC voltage	220V							
Cutoff voltage	185V							
Max. Discharge current (A)	36	55	73	109	145	181	218	291
AC output								
Phase	Single phase/three phase							
Nominal phase voltage	220V±1%(static load), 220V±3%(fluctuation of load)							
Nominal frequency	50Hz/60Hz±5% (battery power supply)							
Output factor	≥0.8							
Output wave	Sine wave							
THD	Linear load<2%, non-linear load<4%							
Dynamic load voltage transient range	<5%							
Instant restore time	<10ms							
Overload capacity	115% normal work, 125% 10mins, 150% 1mins, 200% 1s							
System instruction								
Full load efficiency	91%	91%	92%	92%	92%	93%	93%	95%
Communication interface	No voltage dry contact/RS232(remote network monitor software)							
Run temperature	0~40℃							
Relative humidity	30%-90%(No freeze)							
Run Altitude	<2000m (a 1% decrease against 100m's rise, max. altitude4000m)							
Cooling down method	Compulsive ventilation (with temperature control)							
Redundancy function	In series or N+1 parallel							
Noise	48dB-55dB+		53dB-65dB			55dB-65dB		
Appearance								
Box color	Grey (optional)							
Dimension (W+D+H) mm	800x600x2260							1200x800x2260
weight (Kg)	258	350	400	480	580	650	900	950
Optional accessorie	RS485/network Adapter(SNMP)/Harmonic compensation cabinet /Input/output power distribution cabinet/Input/output isolation cabinet/lightning protection device/bypass voltage regulate cabinet/can designed the Size according to customer's request.							