

STS/ATS Cabinet

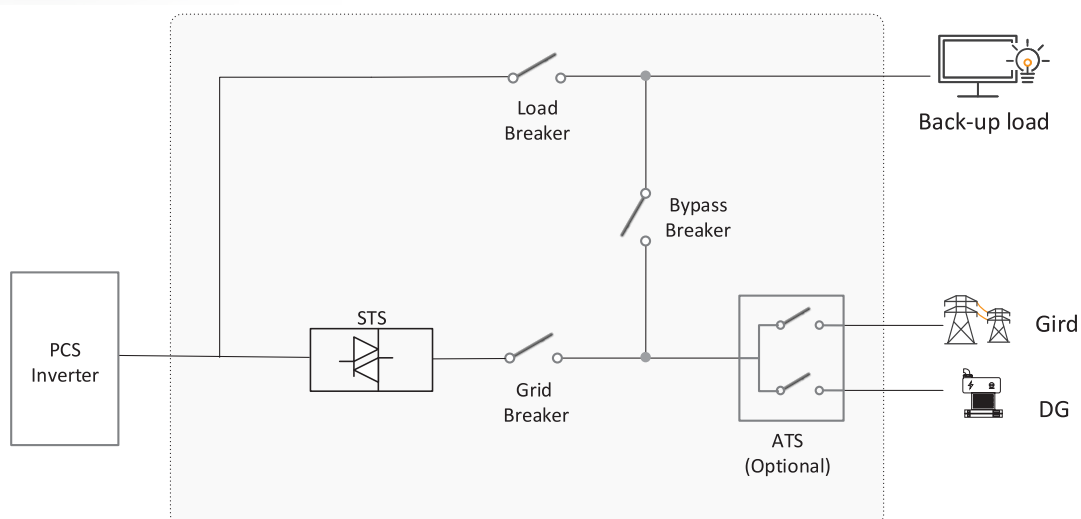
Neptune-D375/D500/D750/D1000

STS/ATS cabinet is designed to be used together with PCS cabinet to realize seamless transfer between on-grid and off-grid modes automatically, it can also achieve automatic switching between diesel generator and the power grid.



Features

- Seamless on/off grid transfer within 10ms
- ATS adopts TÜV certified switch
- Modular design for easy maintenance
- IP54 design



Neptune-D375-S1

Neptune-D500-S1

Neptune-D750-S1

Neptune-D1000-S1

Electrical parameters

Rated AC voltage	400V	400V	400V	400V
Rated AC current	546A	728A	1092A	1456A
Rated AC frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Rated apparent power	375kVA	500kVA	750kVA	1000kVA
Max. load output apparent power	375kVA	500kVA	750kVA	1000kVA
Max. load output current	546A	728A	1092A	1456A
Max. PCS apparent power	375kVA	500kVA	750kVA	1000kVA
Max. PCS current	546A	728A	1092A	1456A

System data

Build-in STS	Yes			
Build-in ATS	Yes			
IP level	IP54			
Transfer between on/off grid with STS	<10ms			
Cooling method	Intelligent air cooling			
Operating temperature range	-40~60℃ (45~60℃ derating, derating factor 5%/℃)			
Storage temperature range	-40~70℃ (no condensation)			
Relative humidity	0~95% (no condensation)			
Noise	<75dB @1m			
Maximum operating altitude	4000m (derating above 3000m,derating factor 1%/100m)			
AC lightning protection	Type II			
Communication	RS485			
Dimensions(W*D*H)	950*900*2100mm	950*900*2100mm	1500*1000*2100mm	1500*1000*2100mm
Weight	580kg	580kg	850kg	850kg

Certificate

IEC 61439-1、IEC 61439-2

Expand models

Expand models	Neptune-D375-SA1	Neptune-D500-S1	Neptune-D750-SA1	Neptune-D1000-S1
	Neptune-D375-A1	Neptune-D500-A1 Neptune-D500	Neptune-D750-A1	Neptune-D1000-A1 Neptune-D1000