

630kVA ATS Switch Cabinet

TSTS-630



Product Overview

ATS/STS rapid switching cabinet is a device that ensures uninterrupted power supply to the load by rapidly connecting and disconnecting dual power supply through a static switch paired with an energy storage inverter (PCS). When the main power supply is within the normal voltage range, the static switch is closed, and the main power supply provides power to the load. When the main power supply is abnormal, the static switch is quickly disconnected and switched to the backup power supply, which then provides power to the load.



Support active, passive and off-grid switching



Fiber optic communication, fast, stable and reliable



Support grid and oil machine multi-source input



Integrated EMS, intelligent management of charging and discharging



Support bypass maintenance to ensure the stability of load power supply



Model	TSTS-630
Input parameters	
AC voltage range	320V~440V
AC frequency range	50/60±5Hz
AC system	3W+PE/3W+N+PE
Performance parameters	
Grid-side rated capacity	630kVA
Rated current on grid side	909A
Rated capacity of oiler side	630kVA
Rated current of oiler side	909A
Rated capacity of load side	630kVA
Load side rated current	909A
Energy storage side rated capacity	630kVA
Rated current of energy storage side	909A
Overload capability	110%overload (long-term), 120% overload (1min)
Maximum efficiency of the grid with load	>99%
Passive off-grid switching time	<10ms
System Parameters	
Operating Temperature	-25°C ~ 55°C
Storage Temperature	-35°C ~ 65°C
Allowable humidity	≤95%RH, non-condensing
Noise	<65dB
Cooling method	Forced air cooling
Protection Grade	IP20
Dimensions (W X H X D)	880mm×850mm×2050mm
Weight	≤650kg

