

# Bypass100/250/500/630/1000

ATESS bypass cabinet is designed to be used together with the bidirectional battery inverter to realize seamless transfer between on-grid and off-grid modes automatically.

## Features



Import/export control



Seamless on/off grid transfer within 10ms



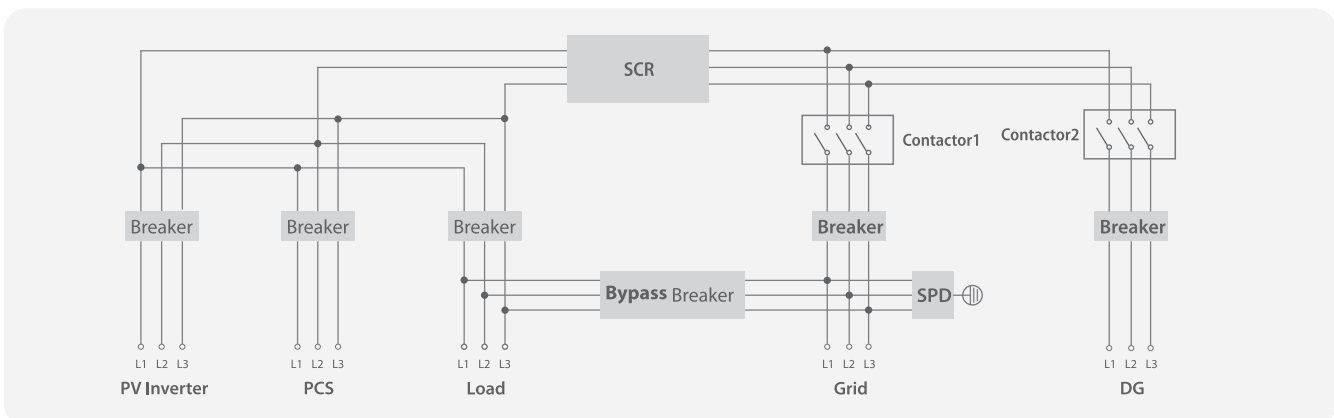
Flexible management



DG connection supported



## Block Diagram



	<b>Bypass100</b>	<b>Bypass250</b>	<b>Bypass500</b>	<b>Bypass630</b>	<b>Bypass1000</b>
Rated voltage	400V	400V	400V	400V	400V
Rated current	144A	360A	722A	910A	1444A
Rated frequency	50Hz	50Hz	50Hz	50Hz	50Hz
Rated power	100KVA	250KVA	500KVA	630KVA	1000KVA
Max. current	175A	435A	866A	1091A	1732A
Transfer between on/off grid			Automatic≤10ms		
Power limit(grid)	Yes	Yes	Yes	Yes	Yes
PV inverter breaker	250A	630A	1250A	1250A	2000A/3P
PCS breaker	250A	630A	1250A	1250A	2000A/3P
Grid breaker	250A	630A	1250A	1250A	2000A/3P
Load breaker	250A	630A	1250A	1250A	2000A/3P
Bypass breaker	250A	630A	1250A	1250A	1600A/3P
DG breaker	250A	630A	1250A	1250A	2000A/3P
Lightning protection			Type II		
Protection degree			IP20		
Relative humidity			0-95% non-condensing		
Operating temperature			-25 °C~+55 °C		
Dimension (W/H/D)mm	700/1630/500	700/1800/500	1600/1900/800	1600/1900/800	2850/2100/800
Weight	135kg	205kg	900kg	1040kg	1500kg
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN