

ATESS Bypass50/100/250/500



LEADING - EDGE TECHNOLOGY

Overview

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

Features



Zero-export inbuild



Seamless on/off grid transfer

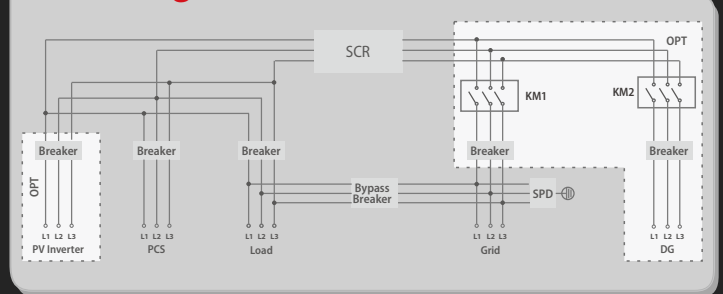


Flexible Management



DG connection supported

Block Diagram



Shenzhen Ateess Power Technology Co.,Ltd

1st Floor of Building 3 at Sector B and 3rd Floor of Building 9,Henglong Industrial Park, No.4 Industrial Zone, Shuitian Community, Shiyan Street, Baoan District, Shenzhen

Datasheet

	ATESS Bypass50	ATESS Bypass100	ATESS Bypass250	ATESS Bypass500
Rated voltage	400V	400V	400V	400V
Rated current	73A	144A	360A	722A
Rated frequency	50Hz	50Hz	50Hz	50Hz
Rated power	50KVA	100KVA	250KVA	500KVA
Max. current	90A	175A	435A	866A
Transfer between on/off grid	Automatic≤10ms	Automatic≤10ms	Automatic≤10ms	Automatic≤10ms
Zero export function	Opt	Opt	Opt	Opt
PV inverter breaker	Opt	Opt	Opt	Opt
PCS breaker	160A	250A	630A	1250A
Grid breaker	160A	250A	630A	1250A
Load breaker	160A	250A	630A	1250A
Bypass breaker	160A	250A	630A	1250A
DG breaker	Opt	Opt	Opt	Opt
Lightning protection	Type II	Type II	Type II	Type II
Protection degree	IP20	IP20	IP20	IP20
Relative humidity	0-95% non-condensing	0-95% non-condensing	0-95% non-condensing	0-95% non-condensing
Operating temperature	-25 °C~+55 °C	-25 °C~+55 °C	-25 °C~+55 °C	-25 °C~+55 °C
Dimension (W/H/D)	700/1630/500mm	700/1630/500mm	750/1800/500mm	1600/1900/800 mm
Weight	105kg	115kg	165kg	610 kg
Communication	RS485/CAN	RS485/CAN	RS485/CAN	RS485/CAN