

## ATESS 50/100K/250K Bypass Cabinet



### LEADING - EDGE TECHNOLOGY

ATESS bypass cabinet is designed to be used together with bidirectional battery inverter and PV inverter to realize seamless transfer between on and off grid mode automatically. it has static switch(SCR) for automatic transfer as well as breakers for manual disconnect of load PCS PV inverter and GRID.

Datasheet	ATESS 50K Bypass Cabinet	ATESS 100K Bypass Cabinet	ATESS 250K Bypass Cabinet
Rated voltage	400V	400V	400V
Rated current	73A	144A	360A
Rated frequency	50Hz	50Hz	50Hz
Rated Power	50KVA	100KVA	250KVA
Max current	90A	175A	435A
Transfer between on/off grid	Automatic <math>\leq 10\text{ms}</math>	Automatic <math>\leq 10\text{ms}</math>	Automatic <math>\leq 10\text{ms}</math>
Zero export function	Opt	Opt	Opt
Inv breaker	160A	250A	630A
PCS breaker	160A	250A	630A
Grid breaker	160A	250A	630A
Load breaker	160A	250A </td <td>630A</td>	630A
Lightning protection	Type II	Type II	Type II
Protection degree	IP20	IP20	IP20
Relative humidity	0 ~95% non-condensing	0 ~95% non-condensing	0 ~95% non-condensing
Environment temperature	-25 °C...+55 °C	-25 °C...+55 °C	-25 °C...+55 °C
Dimension (W/H/D)	700/1630/500mm	700/1630/500mm	700/1630/500mm
Weight	77kg	77kg	77kg
Communication interface	RS485/CAN	RS485/CAN	RS485/CAN

### ATESS Bypass Cabinet topology

