

ATESS 500K 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 500K Bypass Cabinet

Rated voltage	400V
Rated current	722A
Rated frequency	50Hz
Rated Power	500KVA
Max current	866A
Transfer between on/off grid	Automatic $\leq 10\text{ms}$
Zero export function	Opt
Inv breaker	1250A
PCS breaker	1250A
Grid breaker	1250A
Load breaker	1250A
Bypass breaker	1250A
Generator breaker	Opt
Lightning protection	Type II
Protection degree	IP20
Relative humidity	0 ~95% non-condensing
Environment temperature	-25 °C...+55 °C
Dimension (W/H/D)	1600/1900/800 mm
Weight	610 Kg
Communication interface	RS485/CAN

ATESS Bypass Cabinet topology

