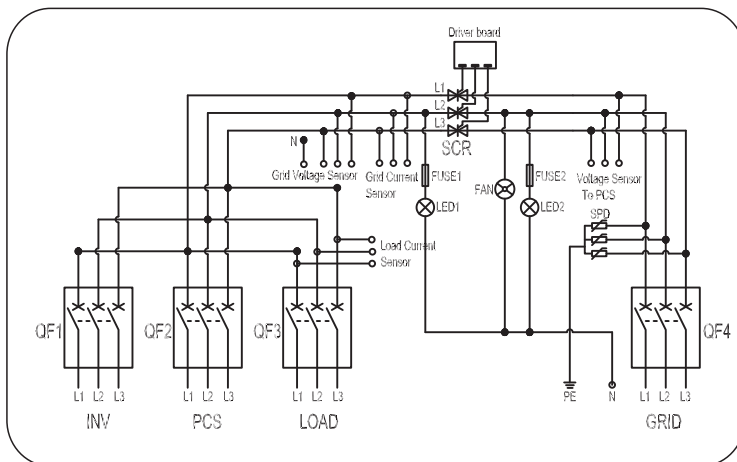


Growatt 50/100K/250K Bypass Cabinet



Growatt 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.

Growatt Bypass Cabinet topology



GROWATT NEW ENERGY TECHNOLOGY Co.,LTD

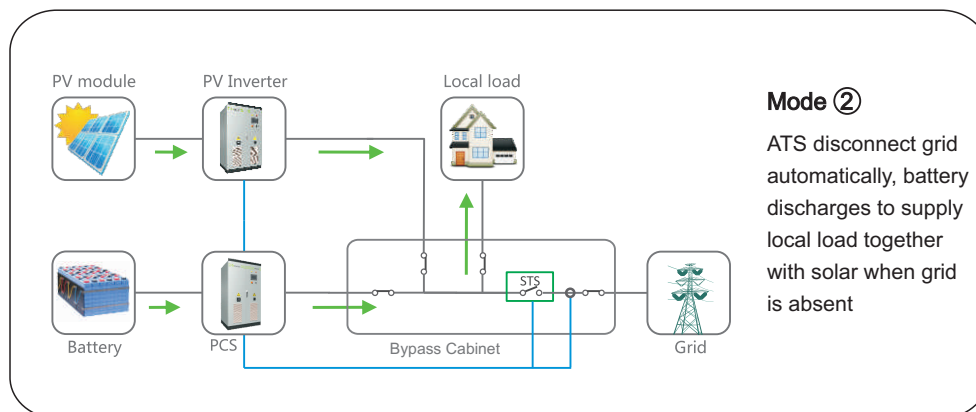
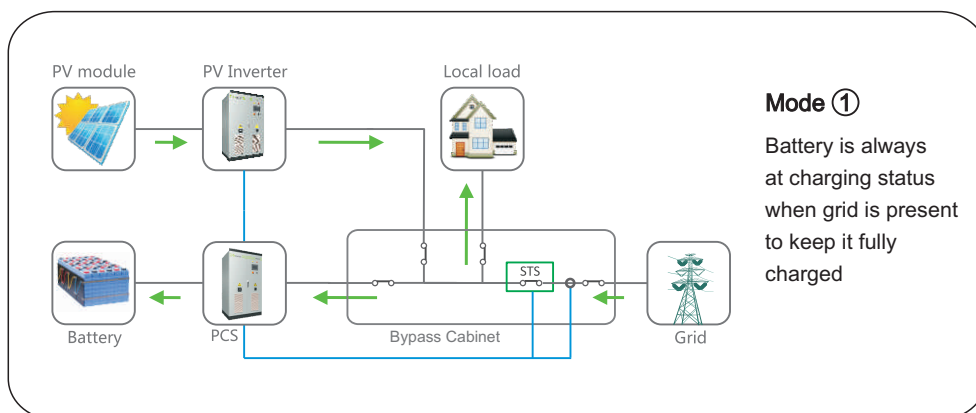
A: No.28 Guanghui Road, Longteng Community, Shiyan, Baoan District, Shenzhen, P.R.China.

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Datasheet	Growatt 50K Bypass Cabinet	Growatt 100K Bypass Cabinet	Growatt 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≤20ms	Automatic≤20ms	Automatic≤20ms
Grid reflux prevention	optional	optional	optional
Inv breaker	160A	250A	630A
PCS breaker	160A	250A	630A
Grid breaker	160A	250A	630A
Load breaker	160A	250A	630A
Lightning protection	Type II	Type II	Type II
Environment compatibility	IP20	IP20	IP20
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)	450/1630/400 mm	450/1630/400 mm	600/1630/400 mm
Net Weight	77 Kg	77 Kg	100 Kg
Communication interface	RS485/CAN	RS485/CAN	RS485/CAN

Typical Application

Back-up Application



- Energy flow
- Communication
- Power cable