

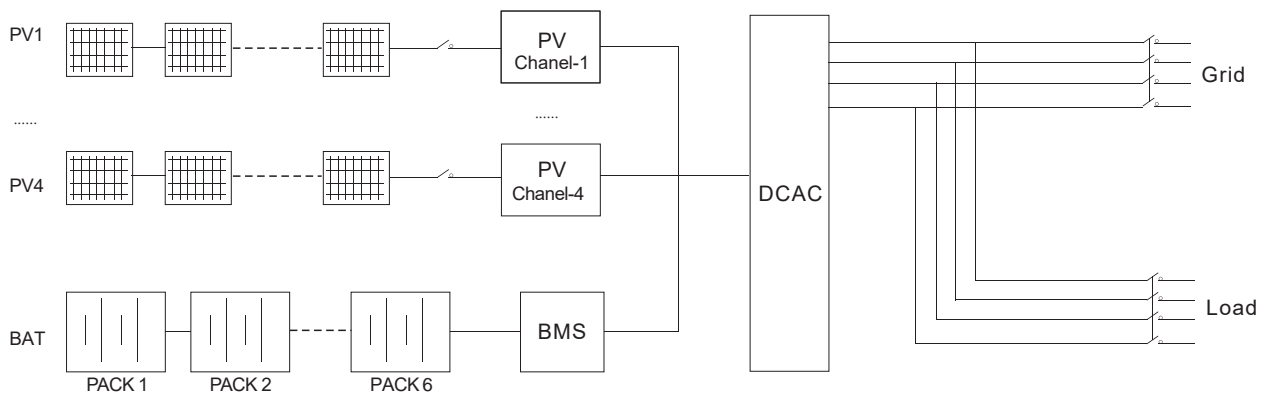
# TG-eblock-107F



## Features

- Easy to install and deploy with large space utilization
- Unique modular design & flexible function configuration
- With self-use, peak shifting, forced charging & discharging and other working modes
- Strong scalability, simple & convenient expansion on both AC and DC sides

## System Topogy



## Specifications

Battery parameters		TG-eblock-107F
Battery Type		LFP
Number of battery packs		6
Rated voltage		384V
Voltage range		300~438V
Rated energy		107.5kWh
Max. continuous charging and discharging current		120A
Discharge Depth		90%
Cycle life		6000 times
PV parameters		
Max.PV input power		96kW
Rated input voltage		600VDC
Max.input voltage		1000VDC
MPPT voltage range		150~850VDC
PV input current		40A*4
AC side parameters		
AC rated output power		50kW
AC Max. output power		50kVA
AC rated input/output current		76A
Isotransformer		Transformerless
Voltage		3L/N/PE; 230/400V
Frequency		50/60Hz
THDi		≤3%
Power Factor		0.8 leading to 0.8 lagging
System parameters		
Dimension (W*H*D)		W750*H2095*D1200mm
Weight		about 1450kg
Communication		CAN/RS485/WiFi/ETH
Design Life		10 years+
Expansion		Support in parallel
Enclosure protection rating		IP54
Cooling		Air cooling
Operation temperature		Charging:0~50°C/Discharge:-20~50°C
Humidity		10%~95%RH
Altitude		<2000m