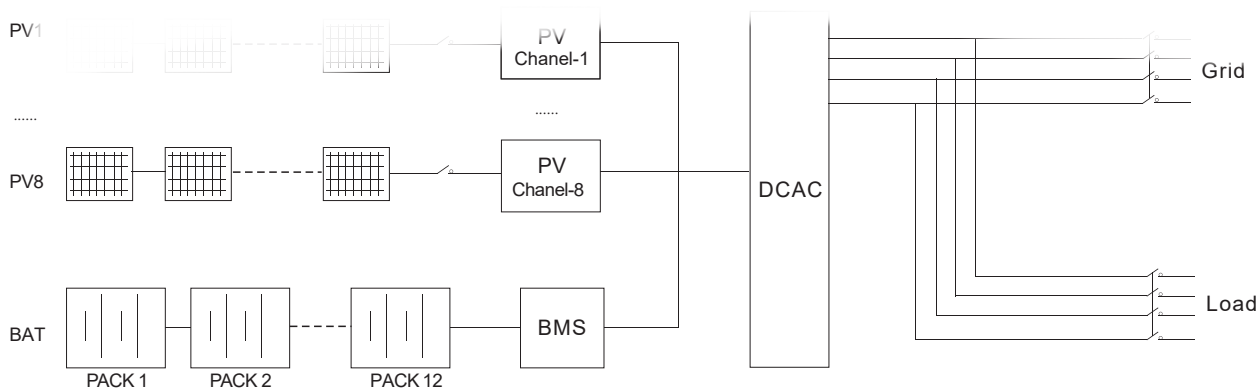




Features

- 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

Figure 1: Typical configuration of the equipment



Specifications

Module

TG-HVC768-215F

Battery parameters

Cell material	LFP
Rated voltage	768V
Voltage range	600~876V
Rated energy	215kWh
Rated charge/discharge Power	100kW
Max.chargeing current	160A
Cycles life	6000 cycles@70% EOL

PV parameters

Rated power	120kW
Rated input voltage	600Vdc
Max.input voltage	1000Vdc
MPPT Votage range	150 ~ 950Vdc
PV input current	45A*8

AC side parameters

AC rated input/output power	100kVA
AC Max.input/output power	110kVA
Overload capacity	1.2Pn, lasting for 1 minute
Maximum efficiency	98.9%
Volatge	3L/N/PE; 230/400V
Frequency	50/60Hz
THDi	≤3%
Power Factor	0.8 leading to 0.8 lagging

System parameters

Dimension (W*D*H)	1800*1250*2050
Weight	about 2600kg
STS/Isotransformer	Option
Design Life	10+ Years
Expansion	Support in parallel
Enclosure protection rating	IP54
Cooling	Air cooling
Environment temperature	-20~55℃
Humidity	10%~95%RH
Altitude	<2000m