

ET 15-30

Background

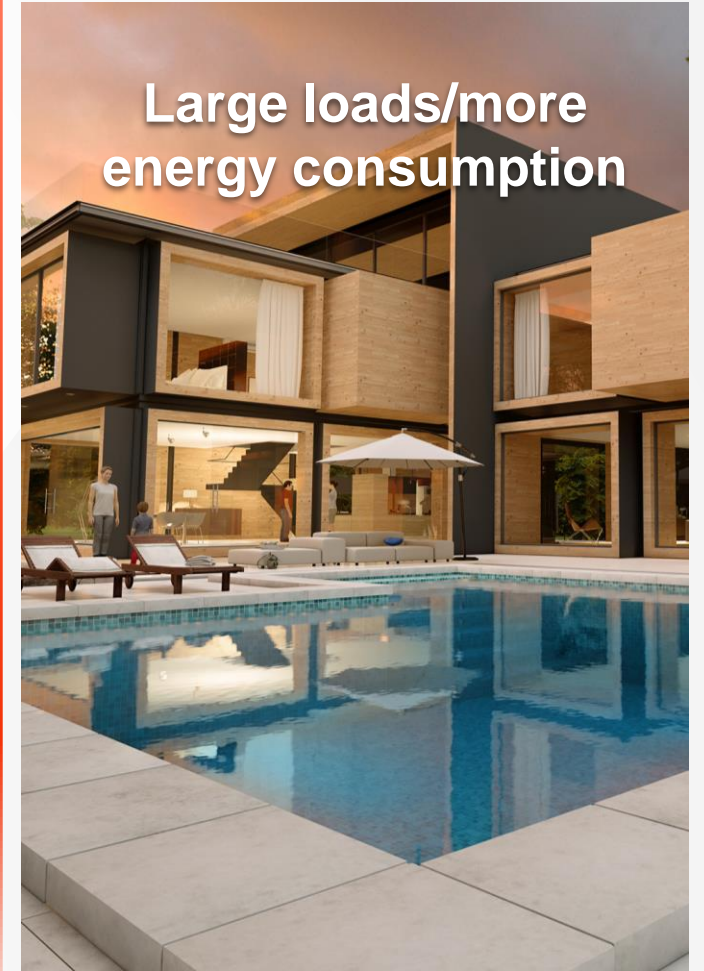
Larger PV module



Small C&I scenarios



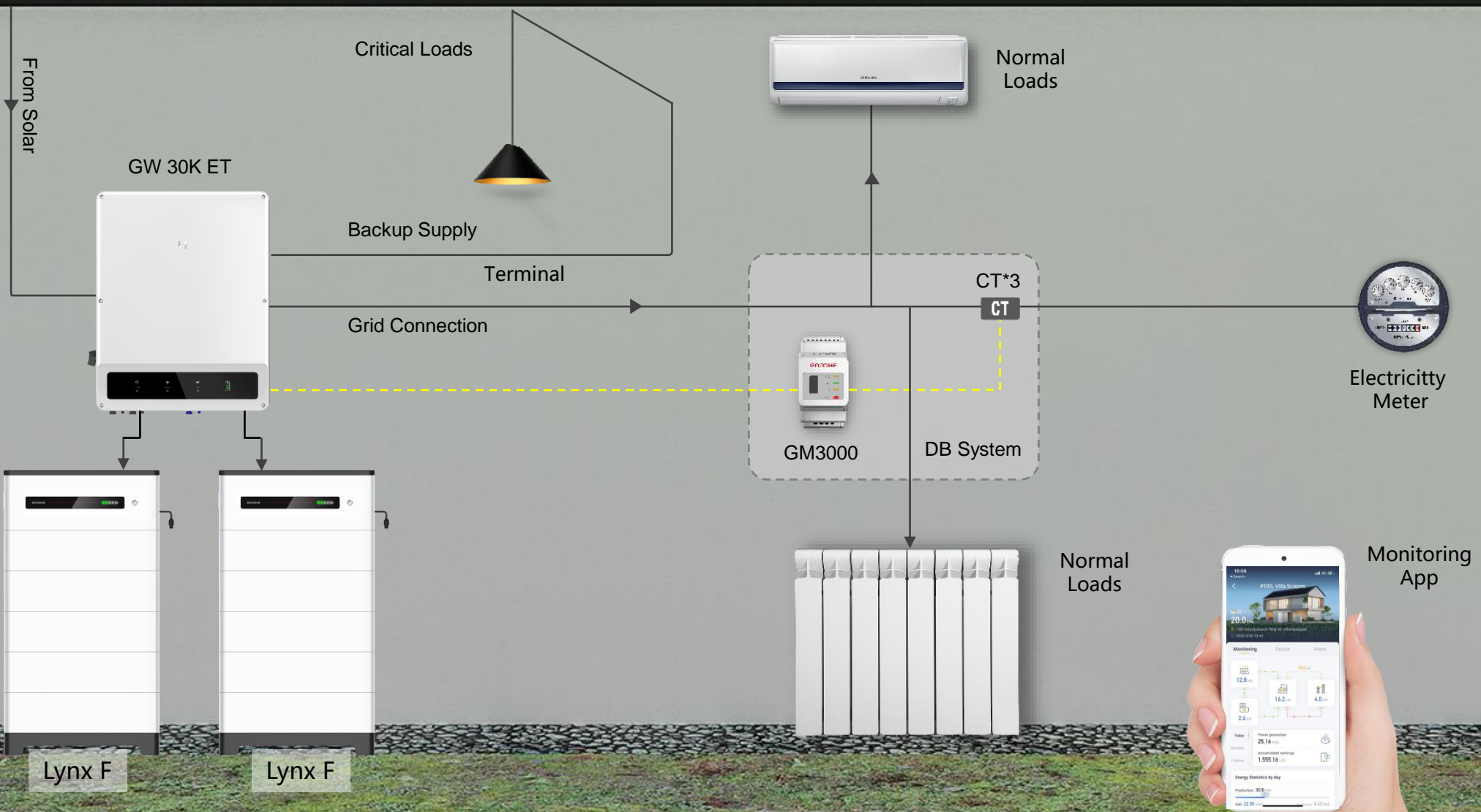
Large loads/more energy consumption



Parameters

Model Name		GW15K-ET	GW20K-ET	GW25K-ET	GW29.9K-ET	GW30K-ET
DC Input	Max. Charge/Discharge Current (A)	50		50*2		
	Max. Charge/Discharge power (kW)	15	20	12.5*2	15*2	15*2
	Bat Voltage Range (V)	200-800				
	Max. Input Power (W)	1.5*Pn				
	Max. Input Current per MPPT (A)	30				
	Number of MPPT	2	2	3	3	3
	Number of Strings per MPPT	2/2		2/2/2		
Grid Output	Nominal Output Voltage (V)	380/400, 3L/N/PE				
	Max. Apparent Power Output to Utility (kVA)	16.5	22	27.5	29.9	33
	Max. Apparent Power from Utility Grid (kVA)	22.5	30	33	33	33
Backup Output	Max. Continuous Output Power (kVA)	Pn				
	Peak Output Apparent Power (kVA)	1.6*Pn @ 3s		30 @ 60s	36 @ 60s	36 @ 60s
Efficiency	Max. Efficiency	98.0%				
	European Efficiency	97.5%				
	Max. Battery to Load Efficiency	97.5%				
Protections	DC Surge Arrester	Type 2				
	AC Surge Arrester	Type 3				
	AFCI/RSD	Optional				
General	Communication with Portal	WiFi/4G/LAN/WIFI+LAN/Bluetooth				
	Weight (Kg)	48		54		
	Dimension (W × H × Dmm)	660×520×220				
	IP Rating	IP66				
	Noise(dB)	< 45			< 60	

System Diagram - One Stop Solution Center

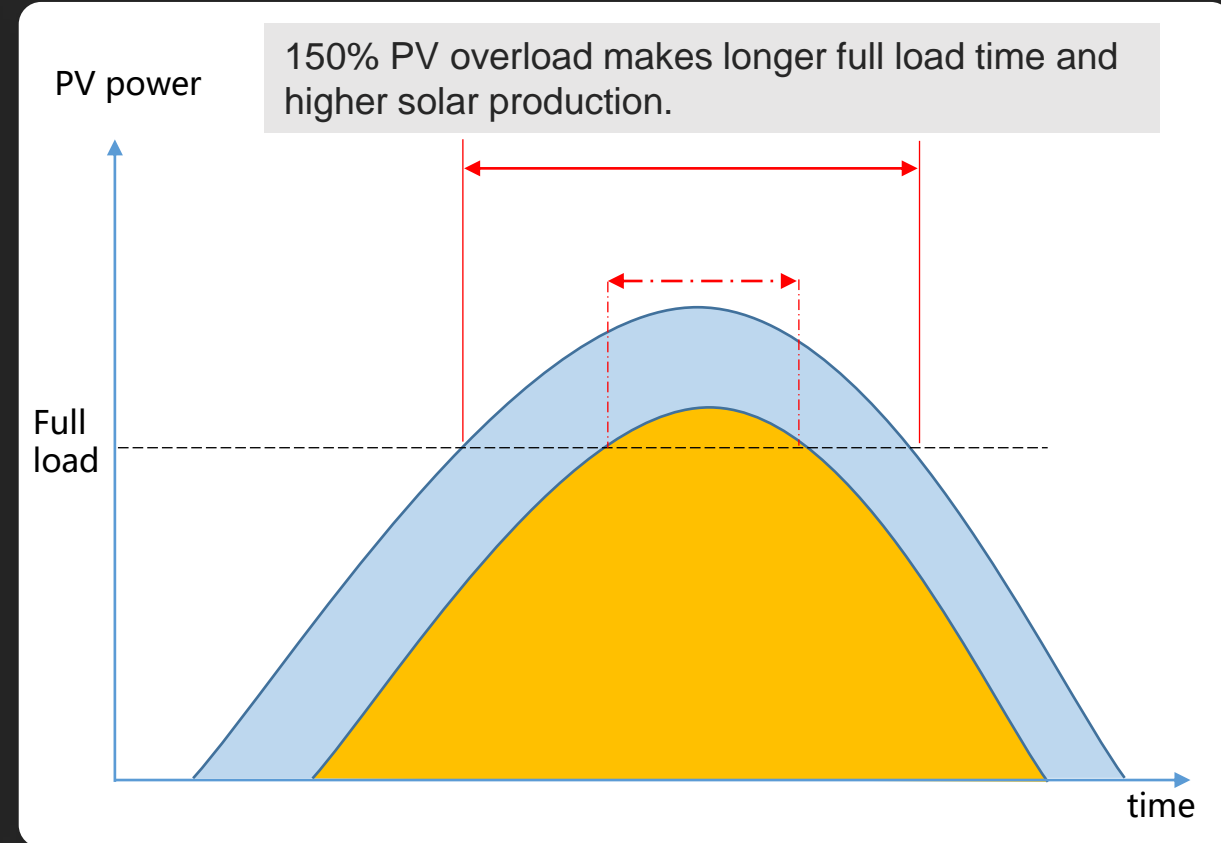
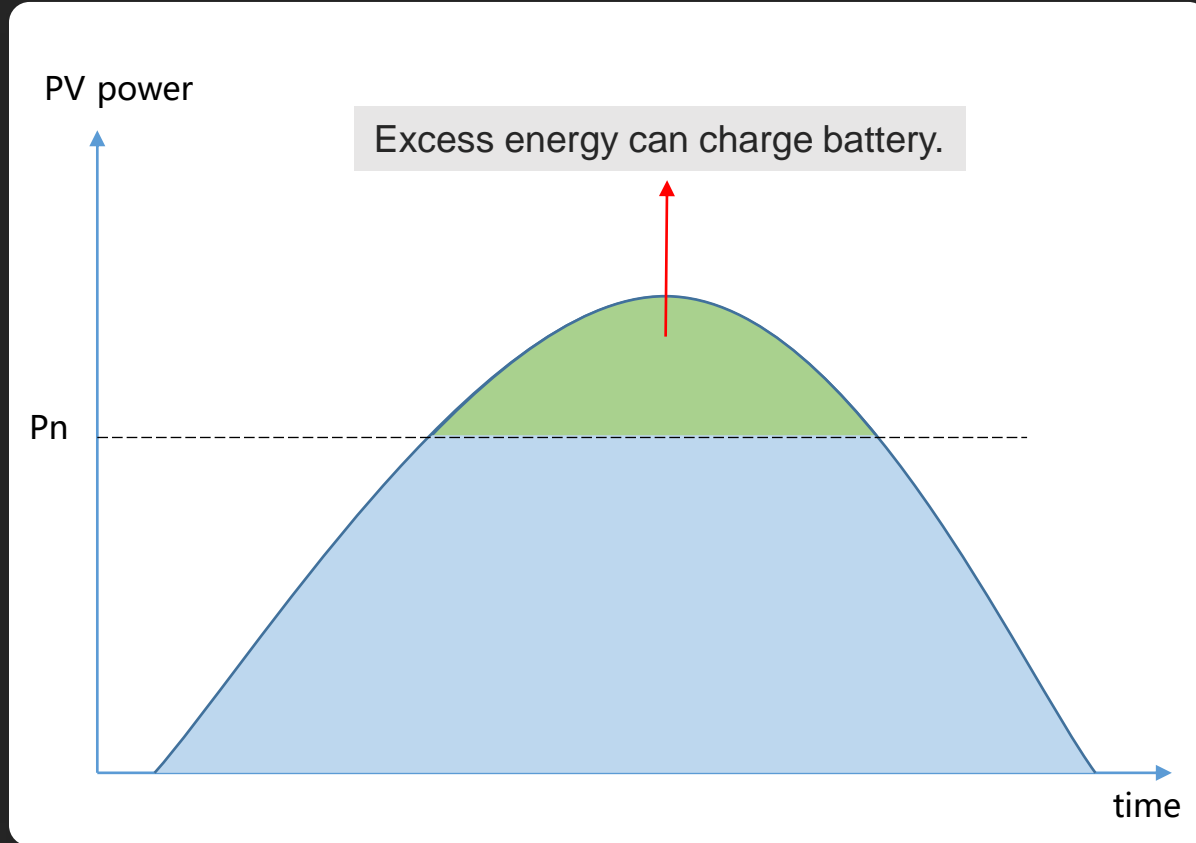


Features

- Easy Installation – Plug & Play Design
- Easy Commissioning - One APP for All
- PV overload($1.5 \cdot P_n$)
- Unbalanced output
- Smart load control
- 2 separate battery input for ET 25K and ET 30K
- New Lynx F Plus+ support parallel connection
- Higher efficiency
- Peak shaving

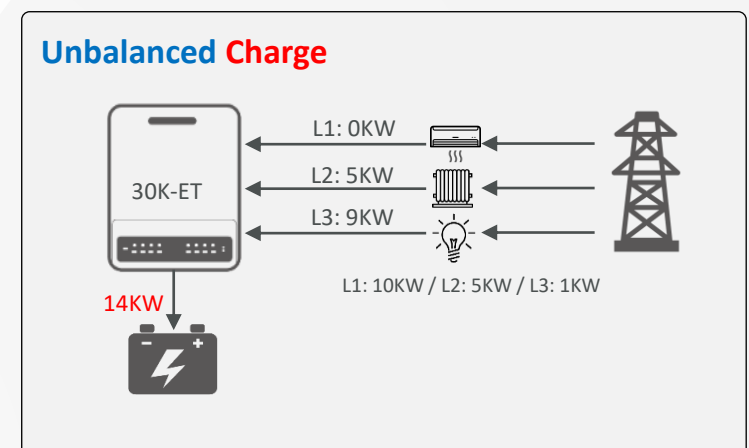
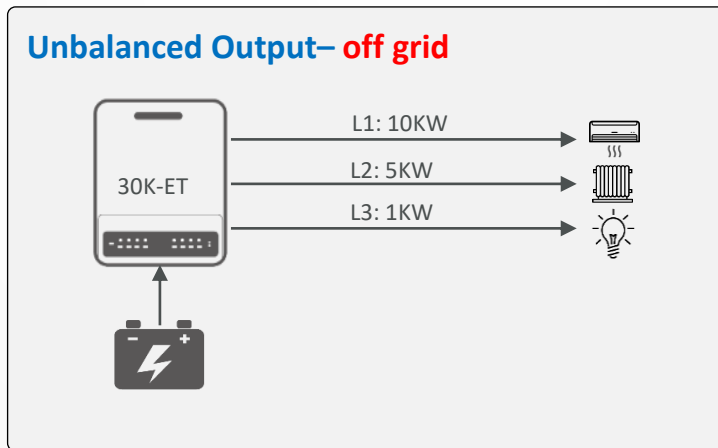
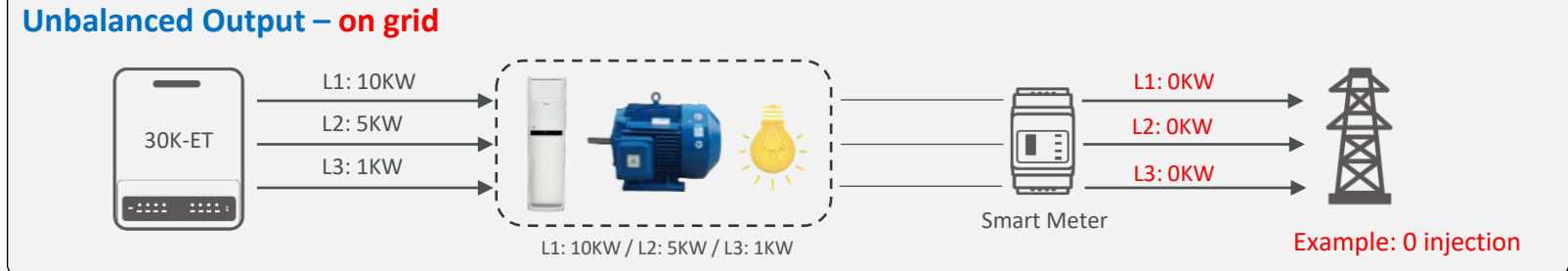


PV overload



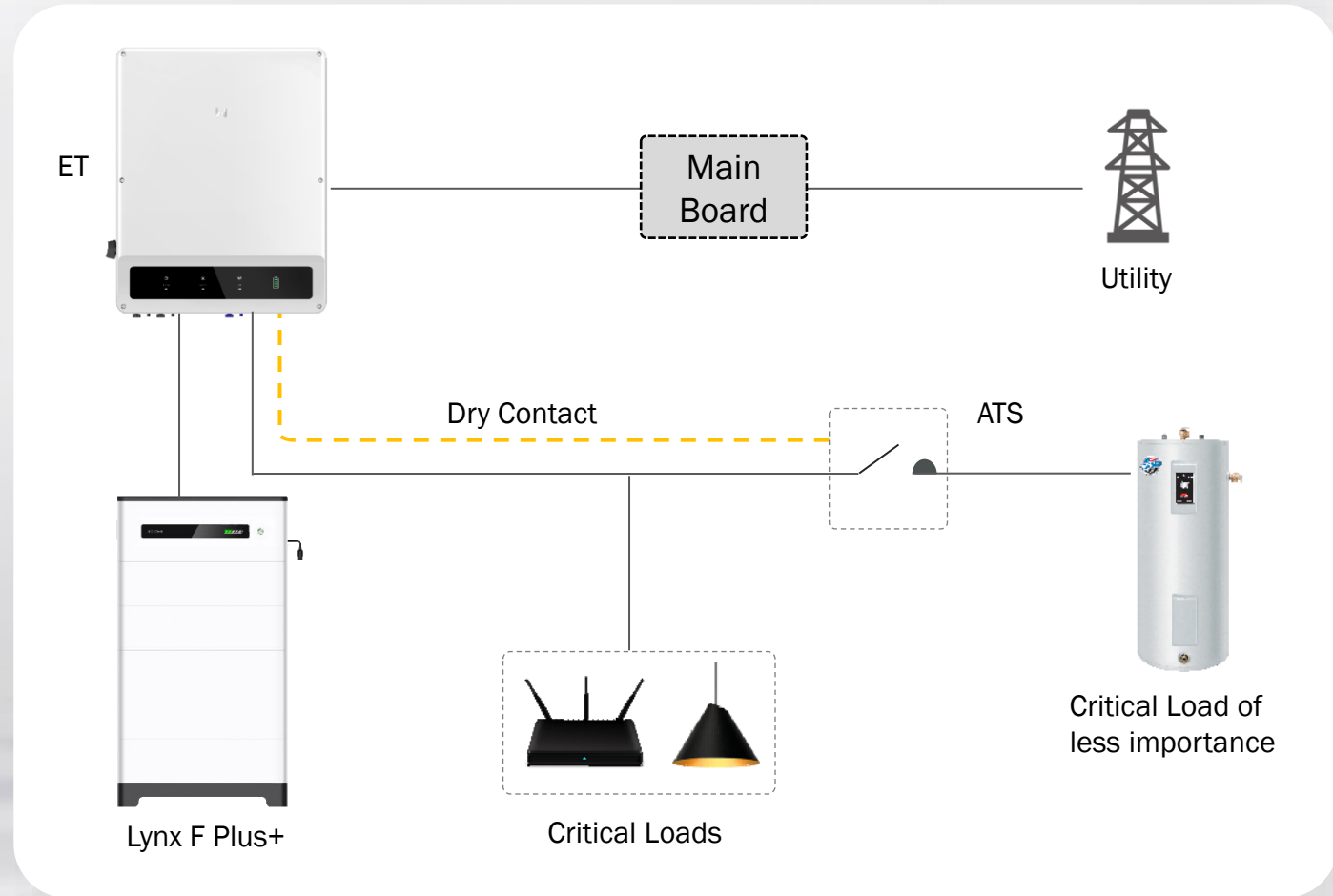
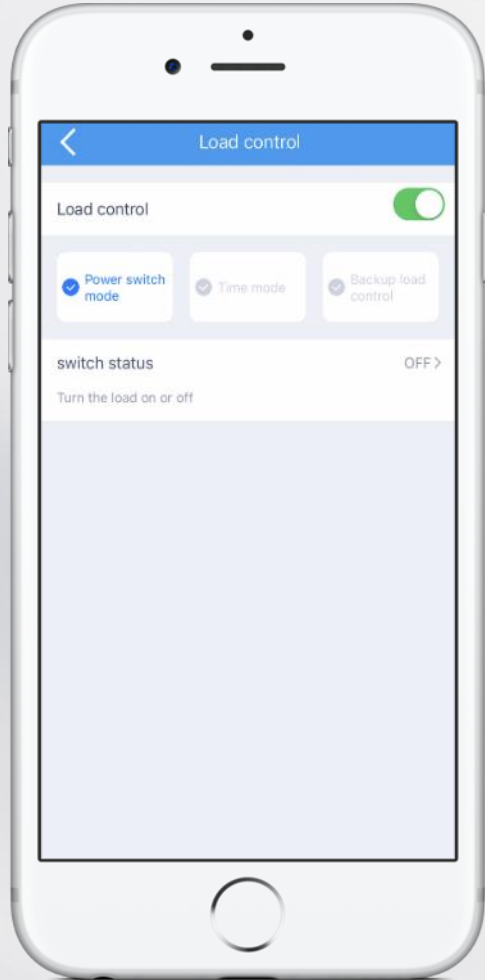
Unbalanced output

- 100% unbalanced output
- Both Back-Up & On-Grid
- Optional on APP
- No extra devices



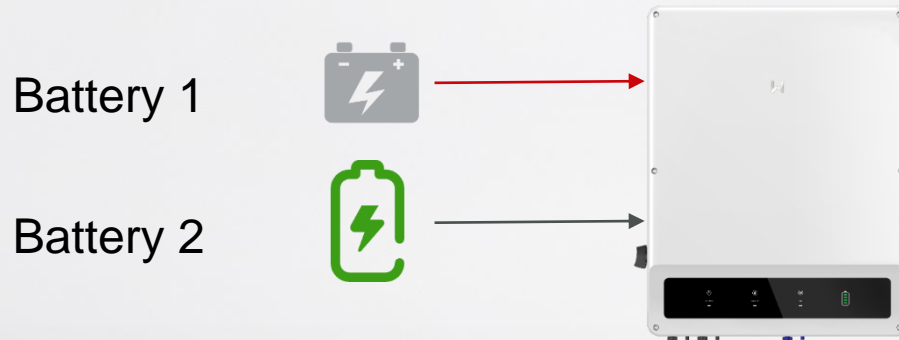
Note: unbalanced output on Grid side works only if Smart Meter works fine & communicates to inverter successfully

Smart load control



Control large loads with DO contact based on the preset conditions to make sure solar power is used under max-efficiency way

Separate battery input



- 1 Battery input for ET 15/20K,
2 Battery input for ET 25/30K
- Max. 50A for each battery input
- Different brand battery can be used (BYD, Pylontec and Goodwe)

Compatible battery is listed below, open BMS protocol can also be provided.



GoodWe Lynx F Plus+
(Up to 50A after paralleling)

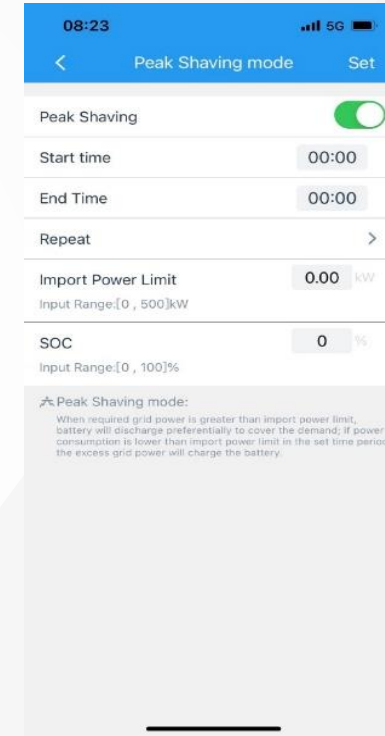
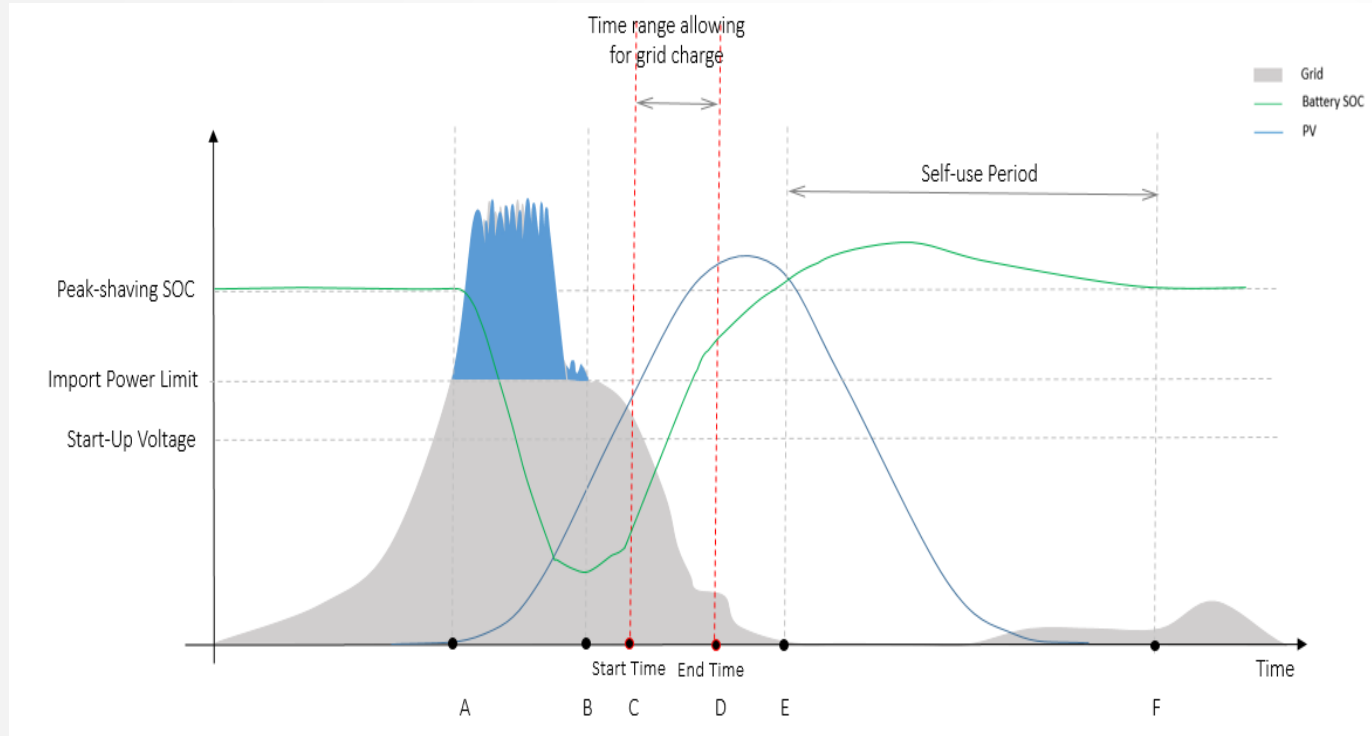


BYD HVM/HVS

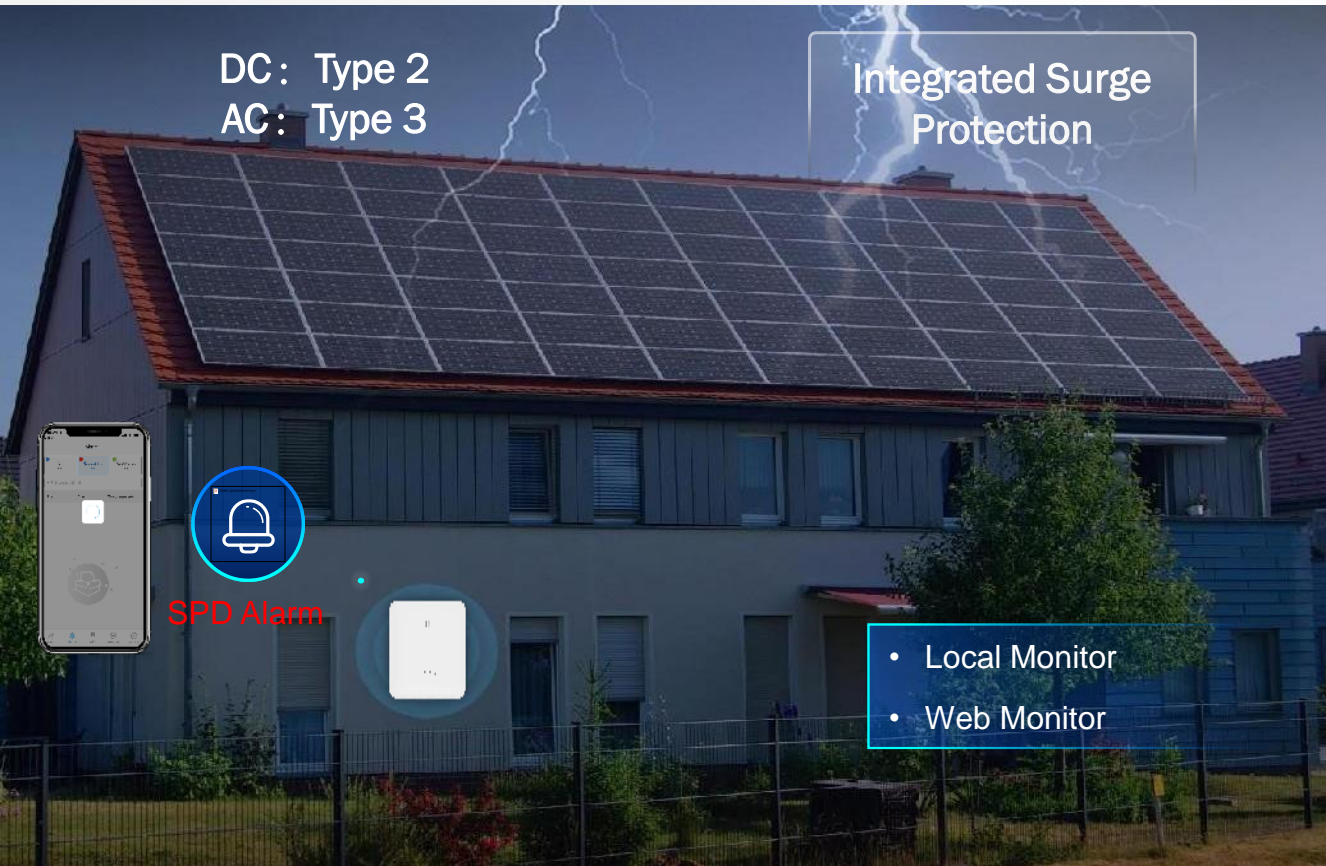


Pylon PowerCube

Peak Shaving



Safety Solution

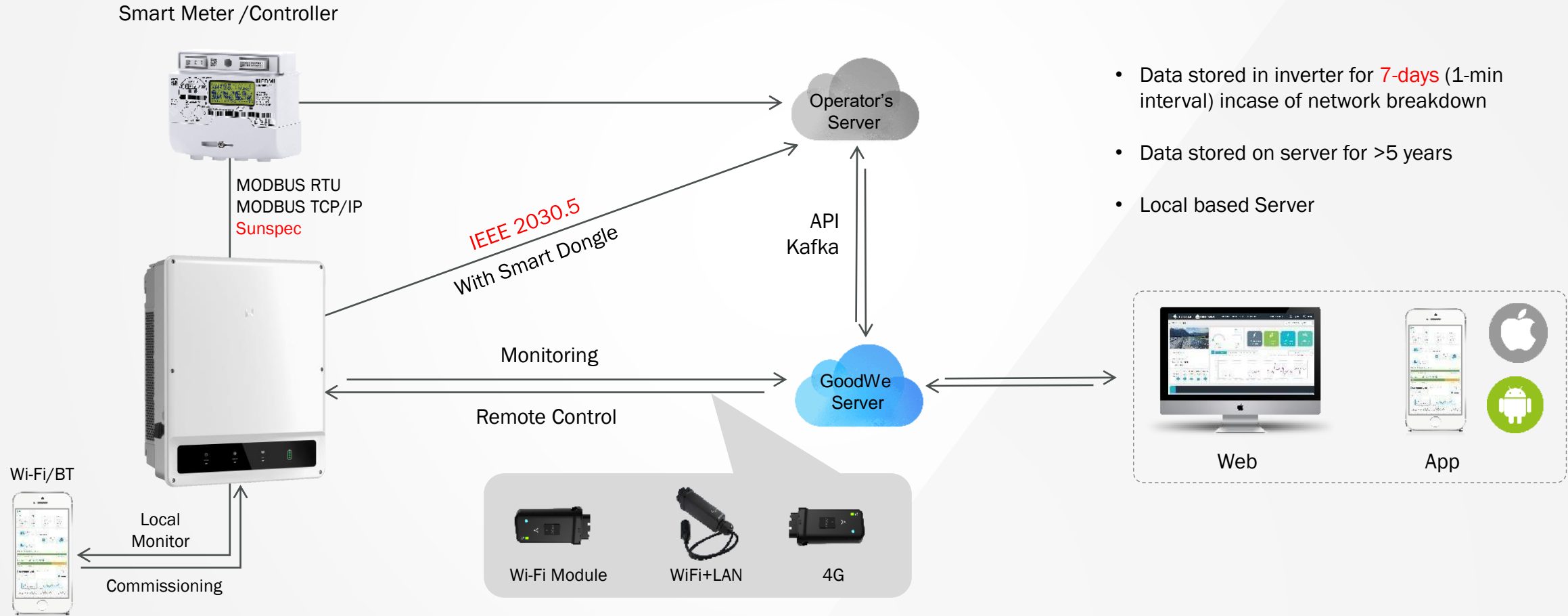


Lightning Protection



Electric Arc Protection

Communication System



- Data stored in inverter for **7-days** (1-min interval) incase of network breakdown
- Data stored on server for >5 years
- Local based Server

Easy commission with Solar Go

Basic setting

- Change the safety code
- Time
- Grid type
- Work mode
-

Advanced setting

- Export Power Limitation
- Back-up setting
- Custom Safety Parameters
- Power Factor Setting
- Battery setting
-

Maintenance

- Grid switch
- Firmware upgrade



You can do a lot of things in this APP!

