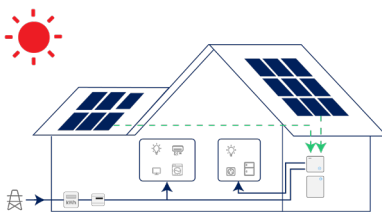
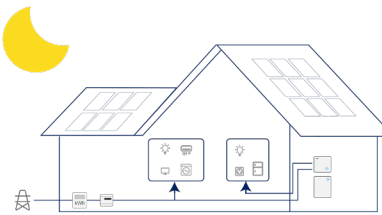
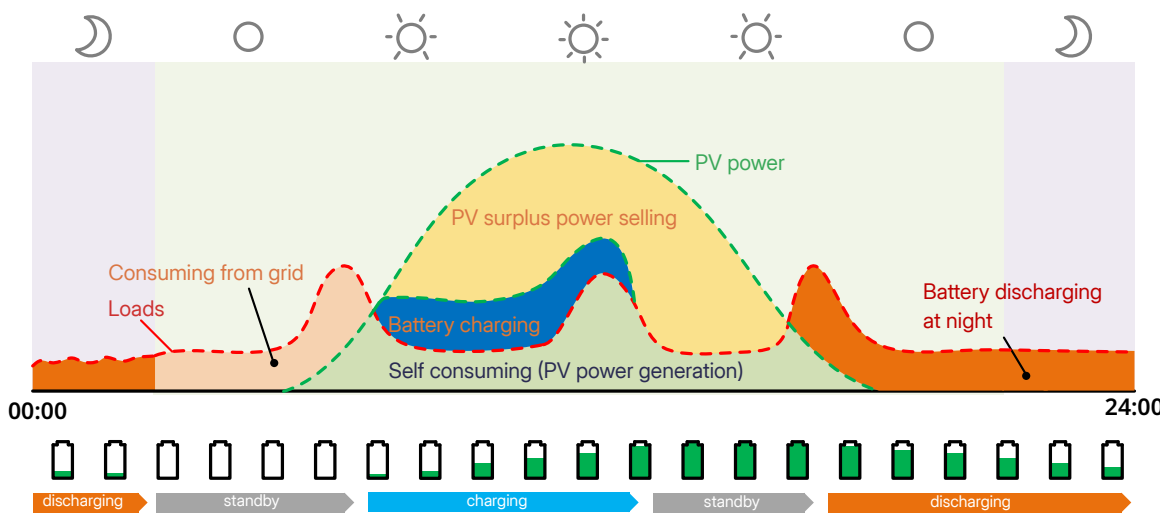


4.4 Working Modes

Main Working Modes		
The following operation modes are applicable for the HYT series inverter and are also applicable for the HAT series inverter which is connected to the PV inverter.		
Self-consumption Mode	In the daytime, solar energy supports the loads first and surplus energy is stored in the battery. When the battery is fully charged or reaches the maximum charge power, the rest energy is fed into the grid (or limited if required). At night, the battery discharges for the loads first, and the grid will supply the loads once the battery power is not enough. In this mode, the battery cannot be charged from the grid at night.	 
		
Power flow of self-consumption mode		
Economy mode	In this mode, the time of battery charge and discharge needs to be set. Meanwhile, the battery can be forced to charge from the grid during the preset charge time. For instance, the battery could be charged or discharged according to valley or peak electricity price.	