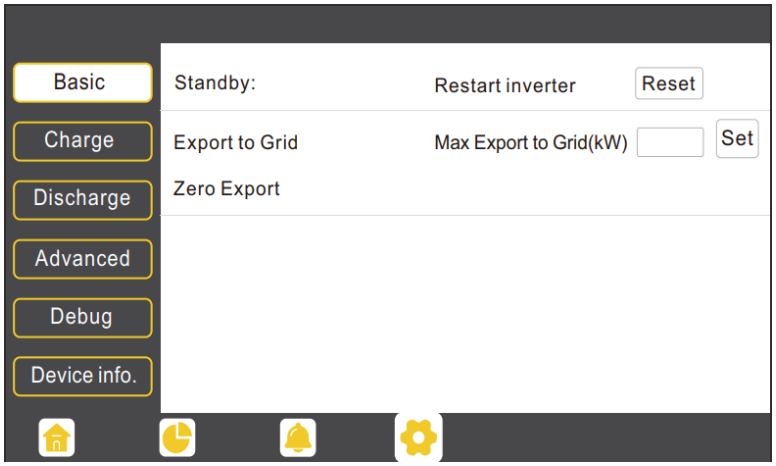
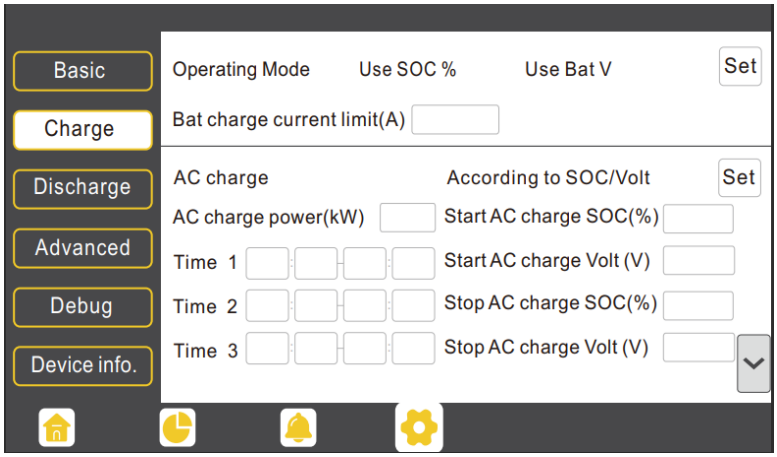
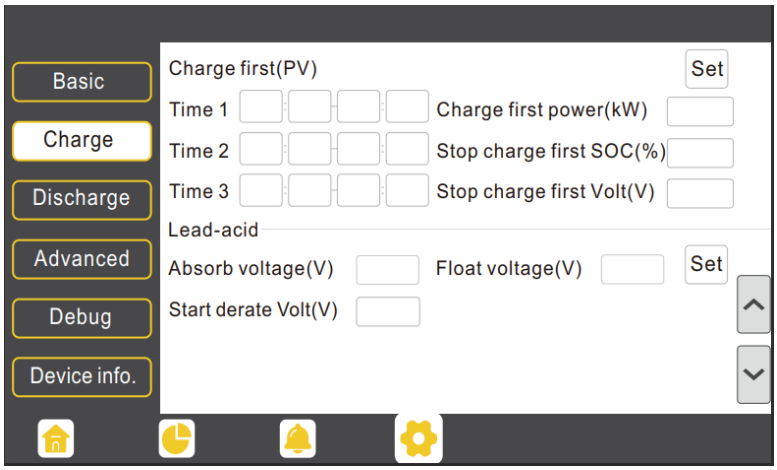
EG4 18kPV Self-consumption Settings Guide



- Zero export: ✔
- Max Export to Grid(kW): 0



- Use SOC %: ✔ (User preference)
- Use Bat V: ✔ (User preference)
- Bat charge current limit(A): 250a Max
- According to SOC/Volt: ✔
- AC charge power (kW): 12kW Max
- Start AC charge SOC(%): 0-90%
- Start AC charge Volt(V): 40-52v
- Stop AC charge SOC(%): 0-100%
- Stop AC charge Volt(V): 48-59v



- Charge first power(kW):12kW Max
- Stop charge first SOC(%): 0-100%
- Stop charge first Volt(V): 48-59v

If using Lead-acid batteries or Lithium Open-Loop change these settings

- Absorb voltage(V): Set to battery parameters
- Start derate Volt(V): Set to battery parameters
- Float voltage(V): Set to battery parameters

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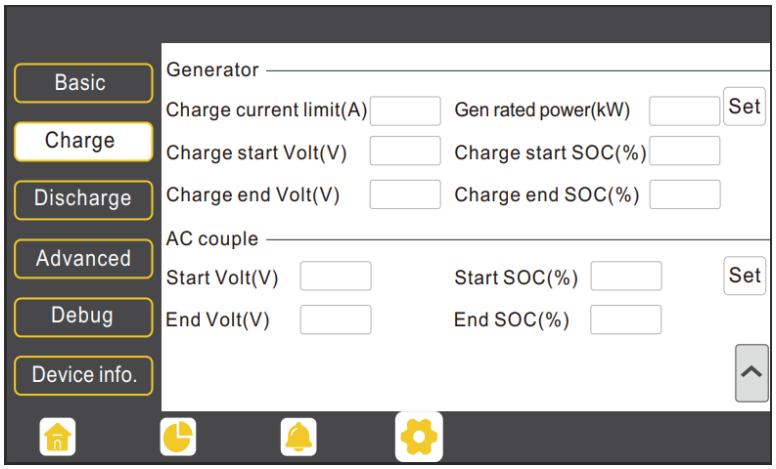
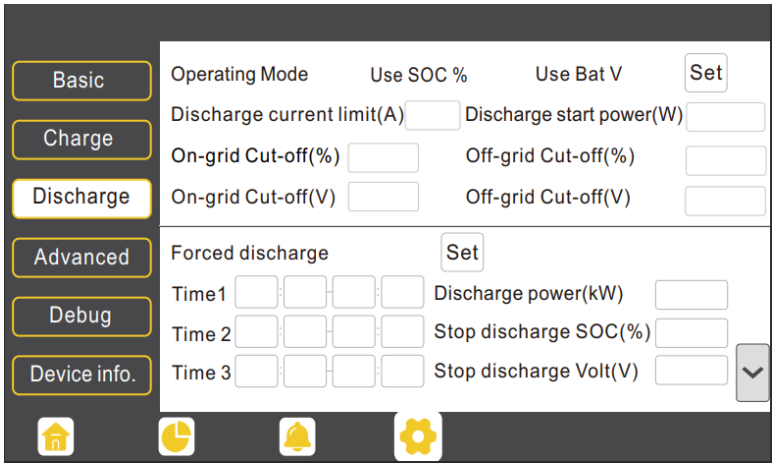
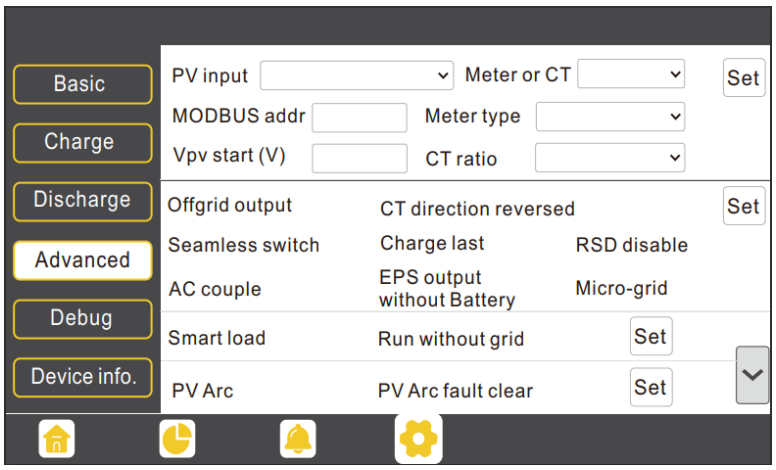


If using a generator change these settings

- Charge current limit(A):250a Max
- Charge start Volt(V): 40-59v
- Charge end Volt(V): 40-59v
- Gen rated power(kW): Set to Generators specifications
- Charge start SOC(%): 0-90%
- Charge end SOC(%): 20-100%



- Use SOC %: ✔ (User preference)
- Use Bat V: ✔ (User preference)
- Discharge current limit(A): 250a Max
- On-grid Cut-off(%): 0-90%
- On-grid Cut-off(V): 40-59v
- Off-grid Cut-off(%): 0-90%
- Off-grid Cut-off(V): 40-52v



- PV input: Set to the inputs they are using
- Meter or CT: Set to whichever they are using
- Offgrid output:✔
- Seamless switch:✔
- PV Arc:✔
- Run without grid:✔

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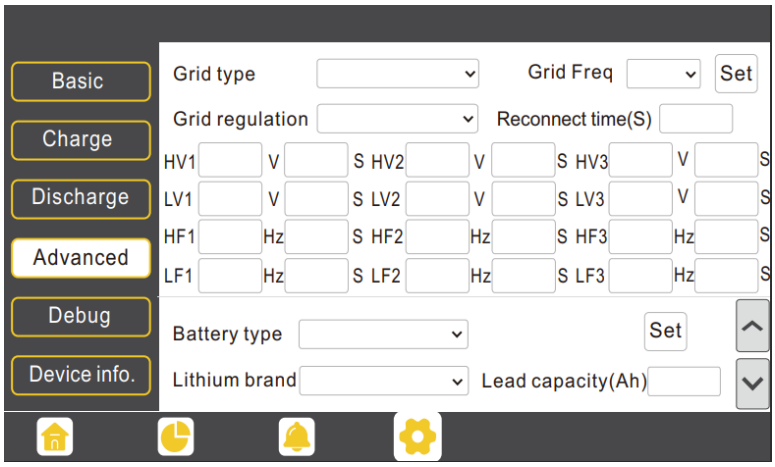

- Battery type: Choose the type of batteries
- Lithium brand: 0 for EG4
- Lead capacity(Ah): If Lead acid is selected change to banks Ah capacity

End User Web Monitoring Settings List