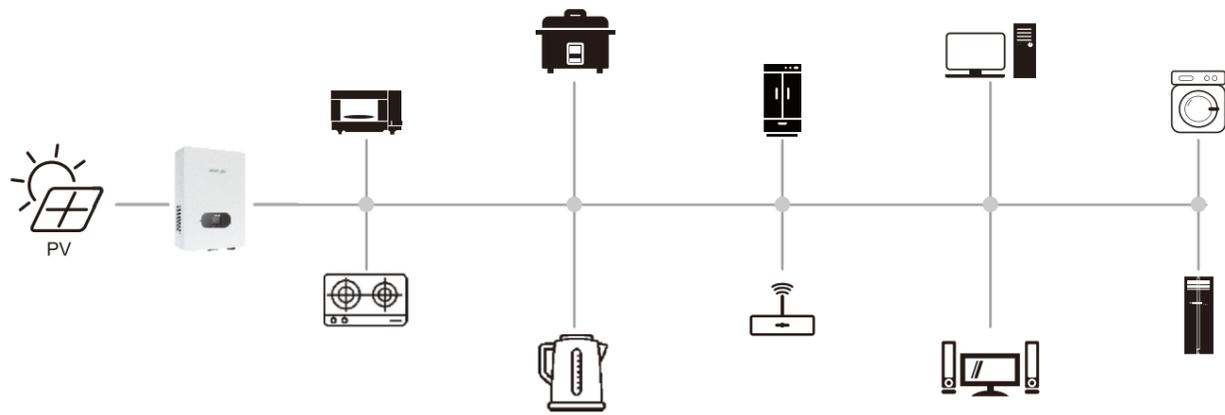


wall-mounted design all-in-one solar system

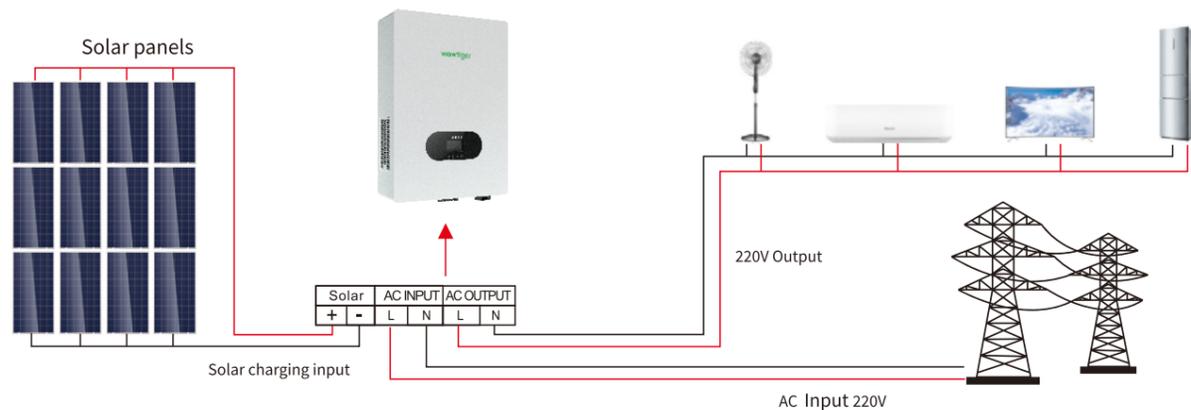
>> Models:
ECO28



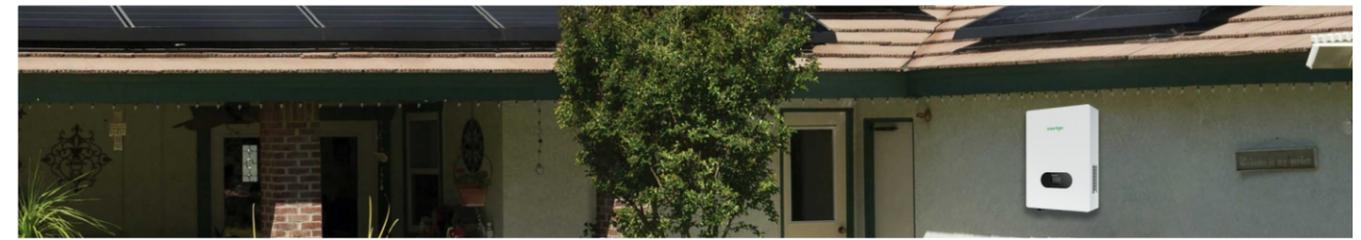
⚡ Daily load



⚡ System connection



Product Specifications



| Model | ECO28 | |
|---|---|---|
| Nominal Capacity/Energy | 3020Wh | |
| Battery type | Lithium iron phosphate semi-solid | |
| Utility Mode | Input Voltage | 90~280V Settable (Appliance/Generator mode) 170~264V Settable (UPS mode) |
| | Frequency | 40~70Hz Default |
| | Overload/short circuit protection | The bypass circuit breaker (20A) |
| | Maximum efficiency | ≥99% |
| | Conversion time(bypass and inverter) | 10mS |
| | Biggest bypass overload current | 20A |
| Inverter Mode | Output voltage waveform | Pure sine wave |
| | Rated output power (W) | 3KW |
| | Power factor | PF1.0 |
| | Rated output voltage (Vac) | 208/220/230/240 Vac (Settable) Default 230V |
| | Output frequency range (Hz) | 50.0 / 60.0 Hz (Settable) Default 50 Hz |
| | Maximum efficiency | 92.7% @24V |
| | Overload Capacity | 1min@102%~110% Load 10s@110%~130% Load 3s@130%~150% Load 0.2s@>150% Load |
| | Battery voltage | 25.6V |
| | Compatible battery type | Lead-acid/lithium electricity |
| | Utility Charging | Maximum charging current(can be set) |
| PV/Battery Charging | Type of controller (PV) | MPPT |
| | Largest PV open circuit voltage | 500V |
| | PV operating voltage range | 40~450V |
| | Largest PV input current | 18A |
| Biggest mixed charging current (PV+ AC) | Largest PV power input | 5000W |
| | Solar charging current range (can be set) | 100A |
| Specifications | The biggest mixed charging current (can be set) | 100A |
| | Protection functions | Over-voltage and low-voltage protection, overload protection, short-circuit protection and over-temperature protection of lithium batteries |
| | Working temperature range | -10°C-50°C |
| | Storage temperature range | -15~60°C |
| | Humidity range | 20%~95% (No condensing) |
| | Noise Level | ≤50db |
| | Heat dissipation | Forced air cooling |
| | Display mode | LCD |
| | Monitoring method (optional) | WiFi/ 4G |
| | Product size (L*W*H) mm | / |
| | Packing size(L*W*H) mm | / |
| | Net weight(kg) | / |
| | Gross weight(kg) | / |