

eLite Series Off Grid Solar Inverter

The 3-5kW Single-phase off grid inverter is an all-in-one system for supplying solar power at home. It can be flexibly configured to single-phase or three-phase and has multiple system integration features. It's a combination of pure sine wave solar inverter and integrated MPPT charger, making it the most cost-effective option for home and office use.



Features

Power Up+

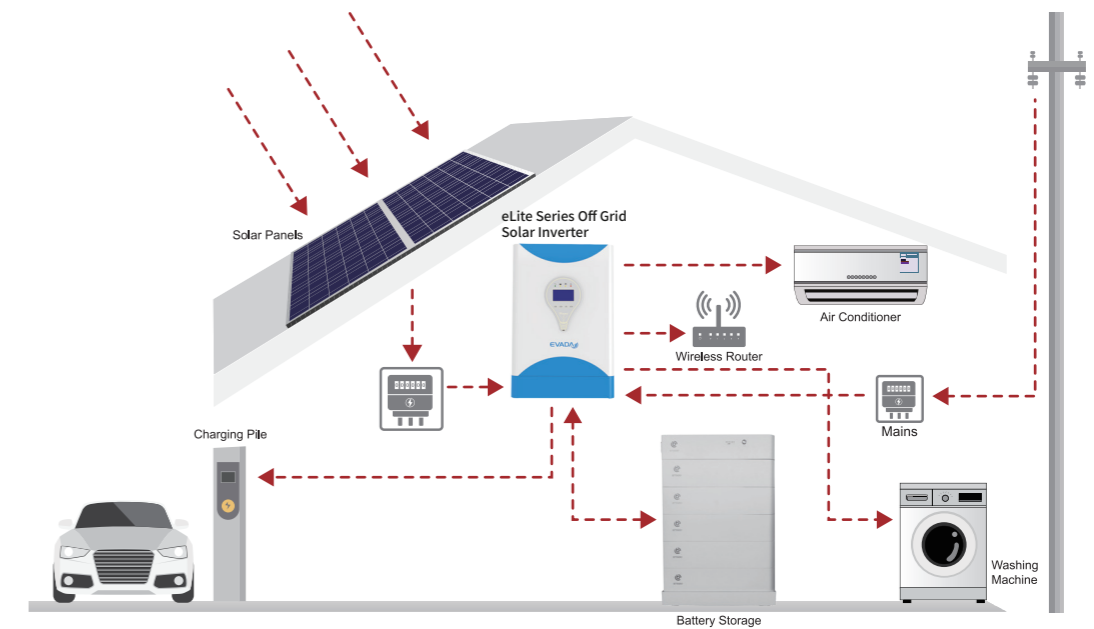
- Parallel operation: maximum 9 units
- Single-phase / DC-coupled
- Built-in integrated MPPT charger
- Lithium/VRLA battery compatible
- 150% DC oversizing
- Compatible with generator and utility grid

Smart Life

- Intelligent wifi monitoring APP
- Colour LED screen
- Plug & Play installation
- Compact and light weight design
- Supports RS232/ Dry contact/ USB/ GPRS&WIFI/ RS485

Assured and Safe

- DC soft start
- Overload, overheat and short circuit protection
- Significantly lower capital expenditure
- IP20 Dust-proof
- THDi<3%, low harmonic distortion against grid



Working Modes



Battery Mode

Solar energy provides power to the loads as first priority. If there is insufficient solar power available, battery will be used to power the loads. Utility is only used when solar is insufficient and the battery drops to low SoC.



PV Mode

Solar energy provides power to the loads as first priority. The photovoltaic directly supplies power to the loads while charging the battery. Once the solar power is insufficient, the grid will power the load.



Utility Mode

Utility provides power to the loads as first priority. The Utility and solar will both charge the battery. When there is no utility available, solar and battery will be used to power the loads.