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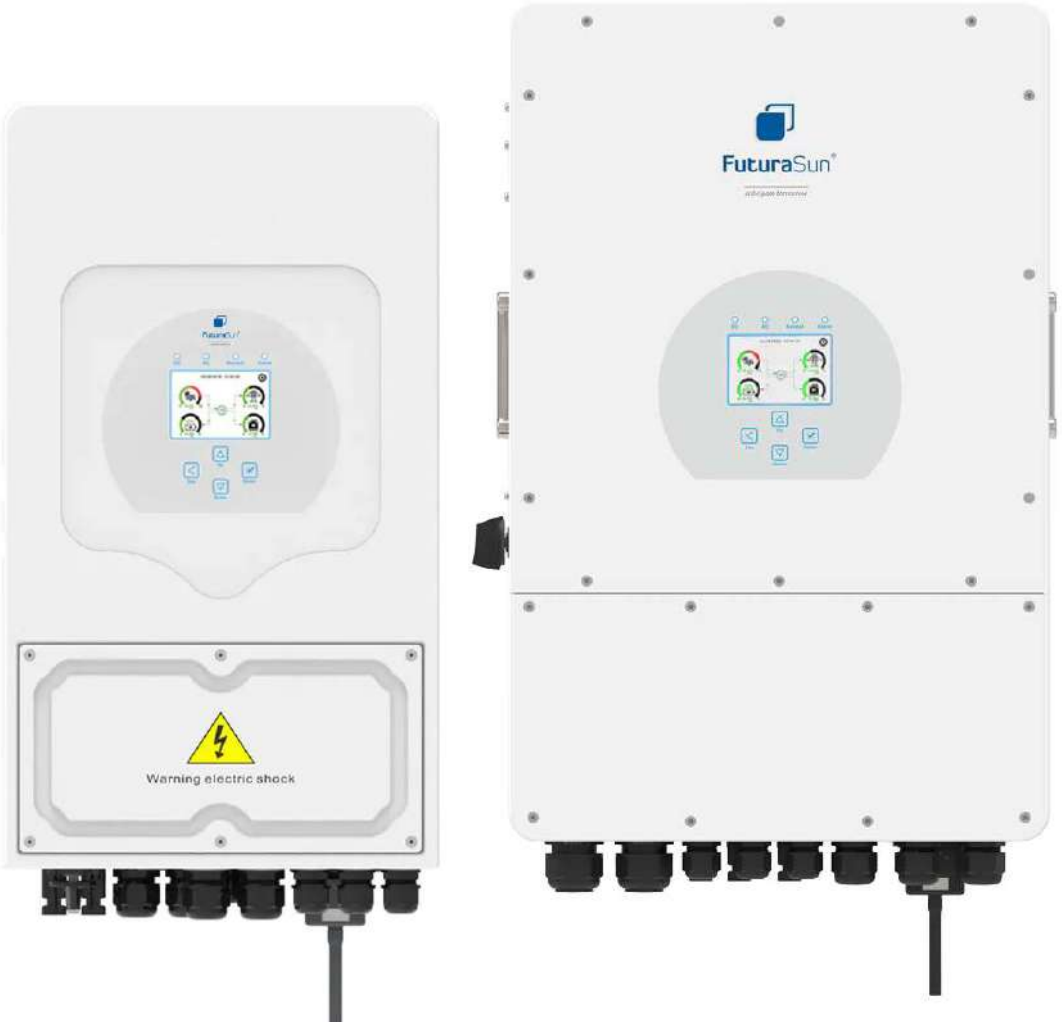
N.REA: PD 405881 - Cap. Soc.: 450.000,00 €

QUICK SETTINGS

Optor Single 3K/3.6K/5K/6K

Optor Tri 5K/6K/8K/10K/12K



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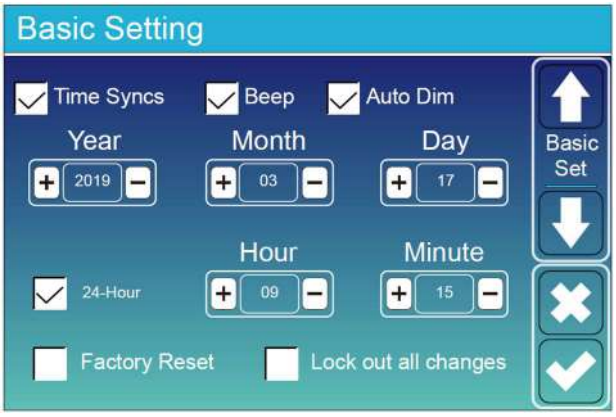
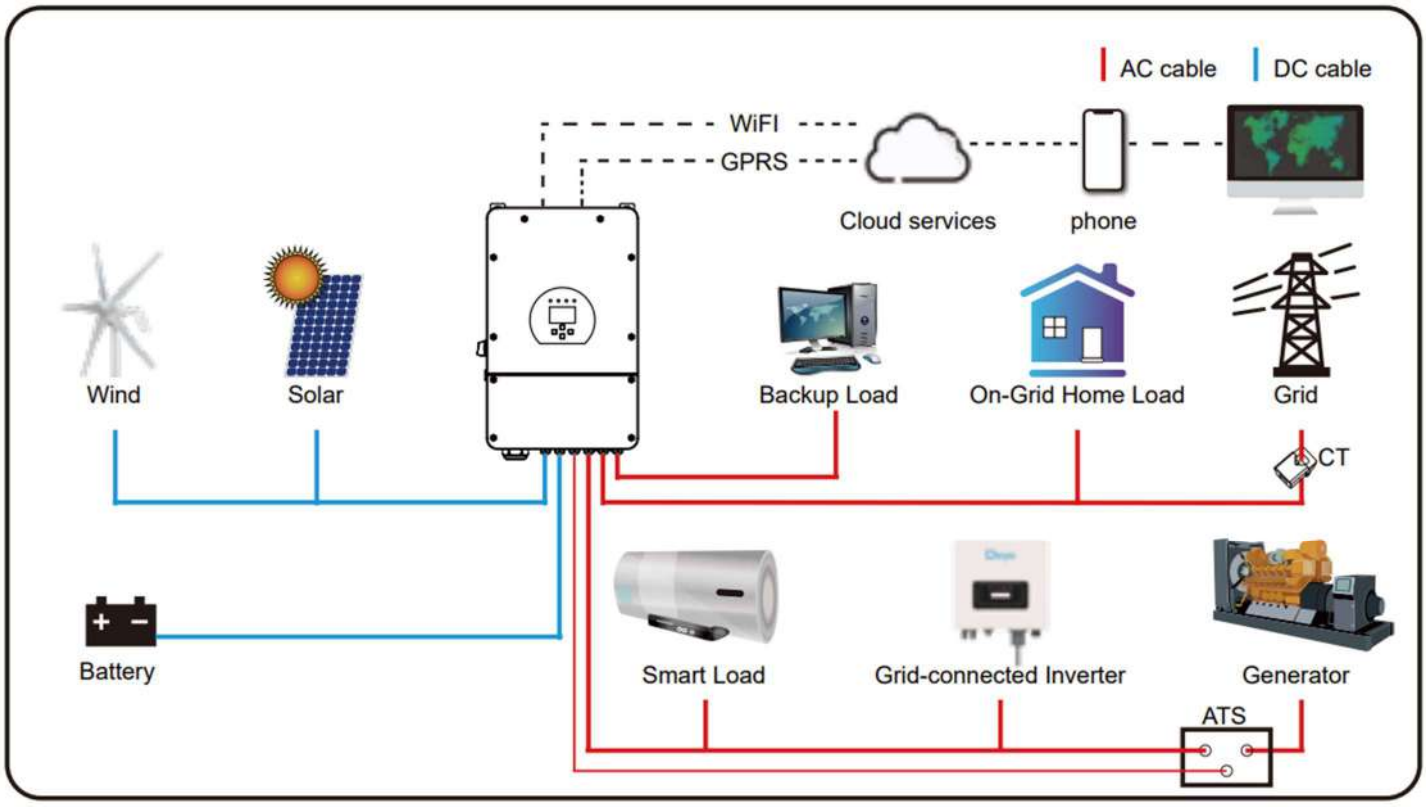
COMMON SETTINGS



FACTORY RESET: PASSWORD 9999
LOCK OUT ALL CHANGES: PASSWORD 7777
SYSTEM SELF-CHECK: PASSWORD 1234

GENERAL DIAGRAM CONNECTIONS



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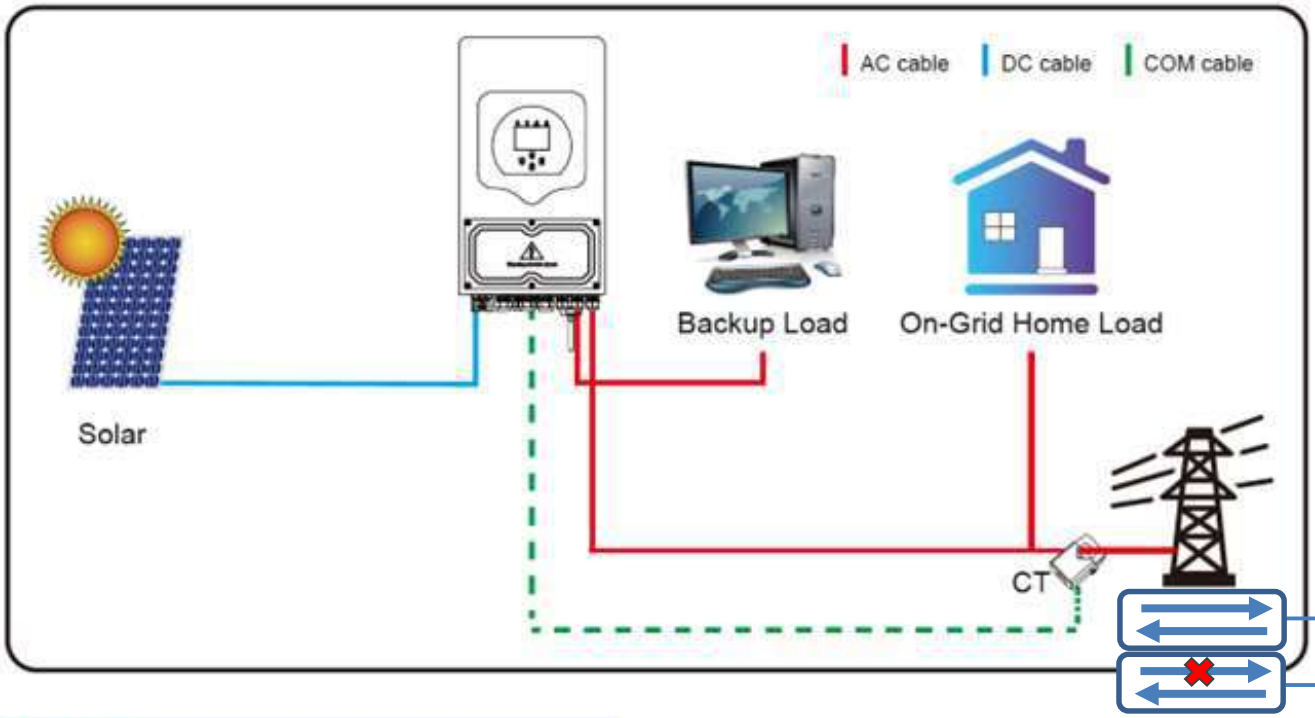
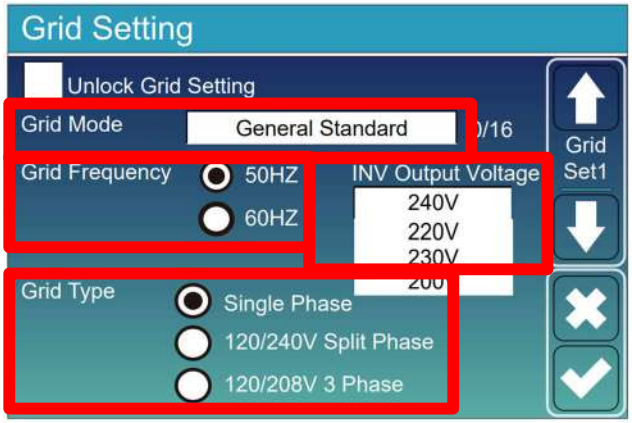
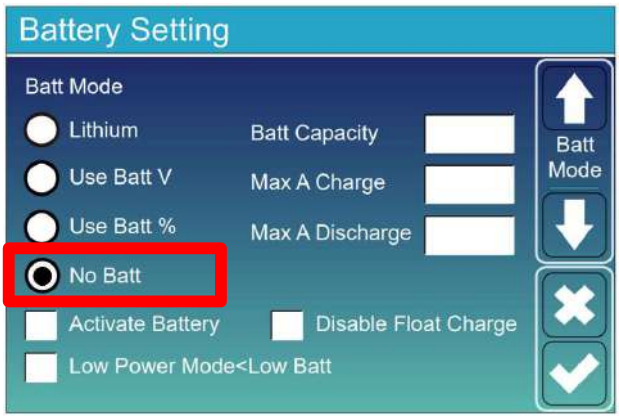
1. ON GRID WITHOUT BATTERIES







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

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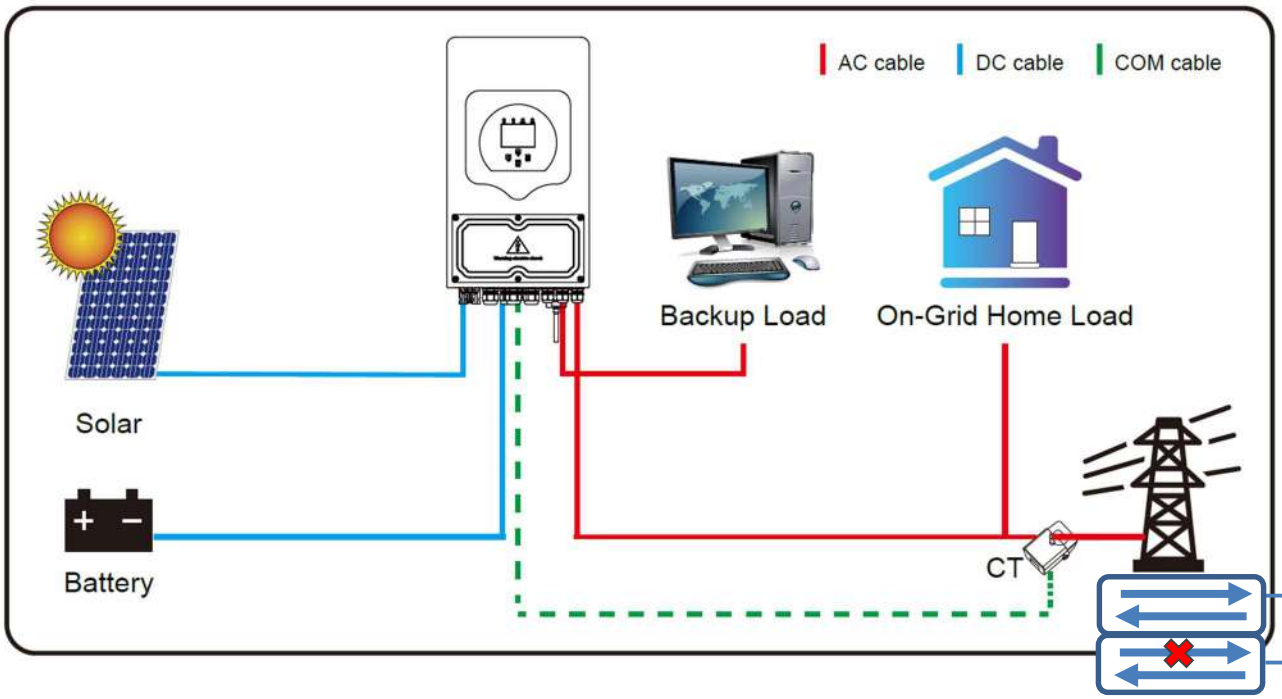
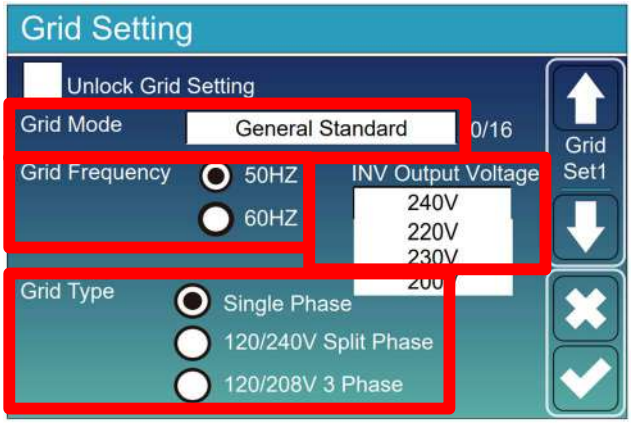
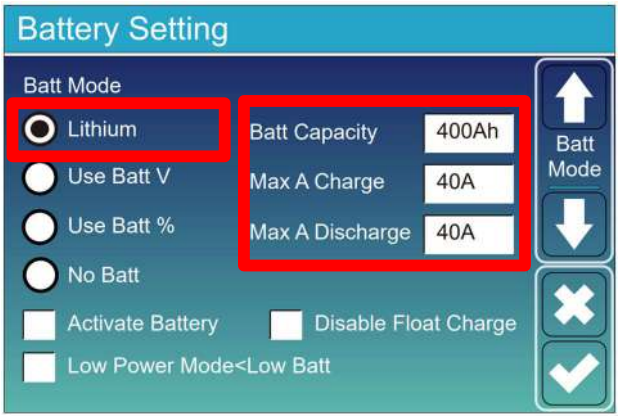
2. ON GRID WITH LITHIUM BATTERIES







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

ENERGY PATTERN: PRIORITY OF PV ENERGY
- BATT FIRST: 1) BATTERIES 2) LOADS **- LOAD FIRST: 1) LOAD 2) BATTERIES**

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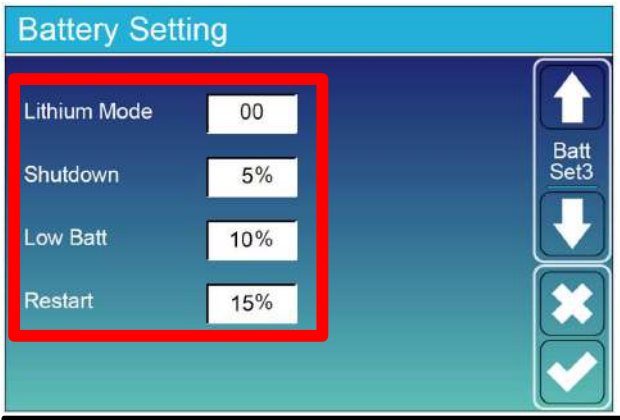
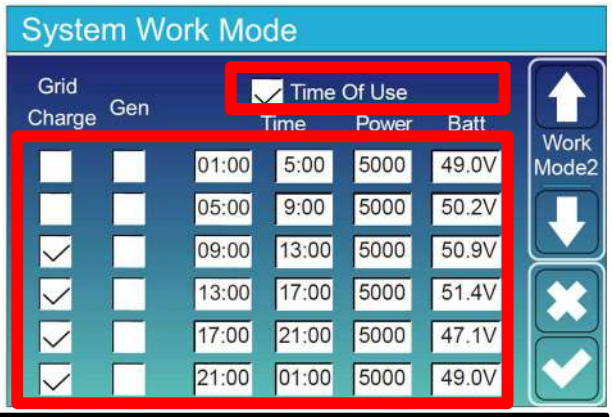
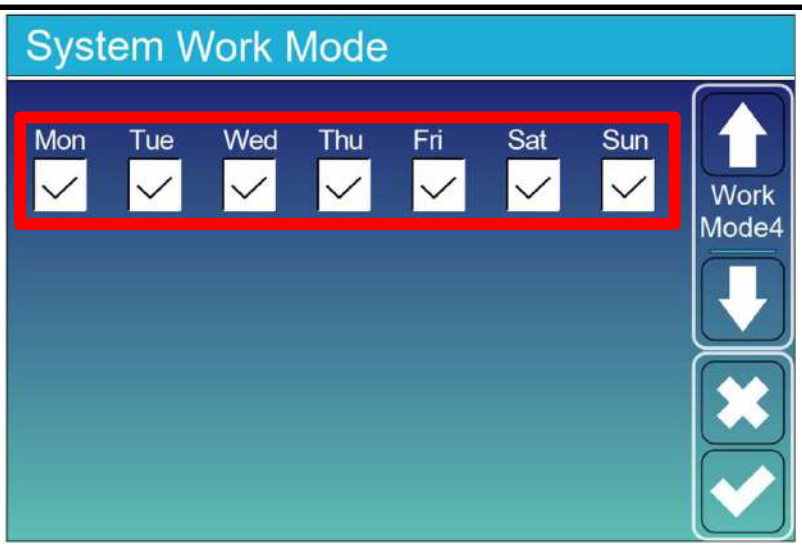
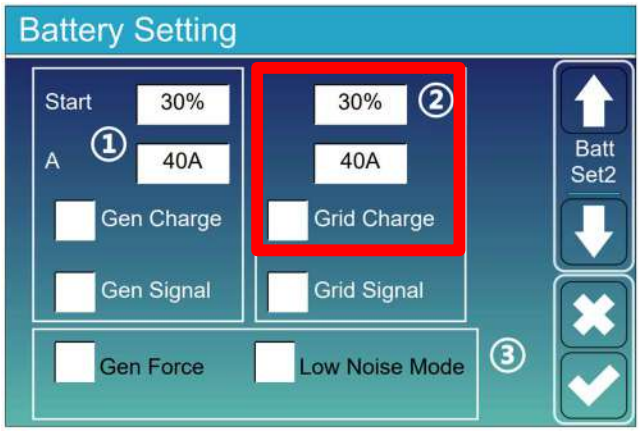
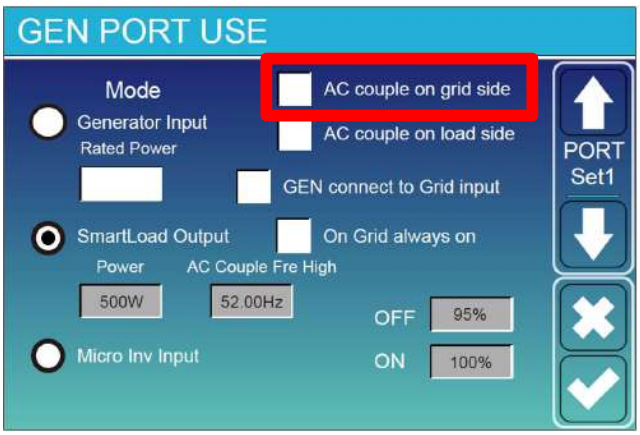




FOR UZ POWER LITE BATTERIES:
LITHIUM MODE: 00 SHUTDOWN: 5% LOW BATT: 10% RESTART: 15%







OPTIONAL:
TO CHARGE BATTERIES FROM THE GRID GRID CHARGE: ON *AC COUPLE ON GRID SIDE: ON
*ONLY ON SINGLE PHASE INVERTER

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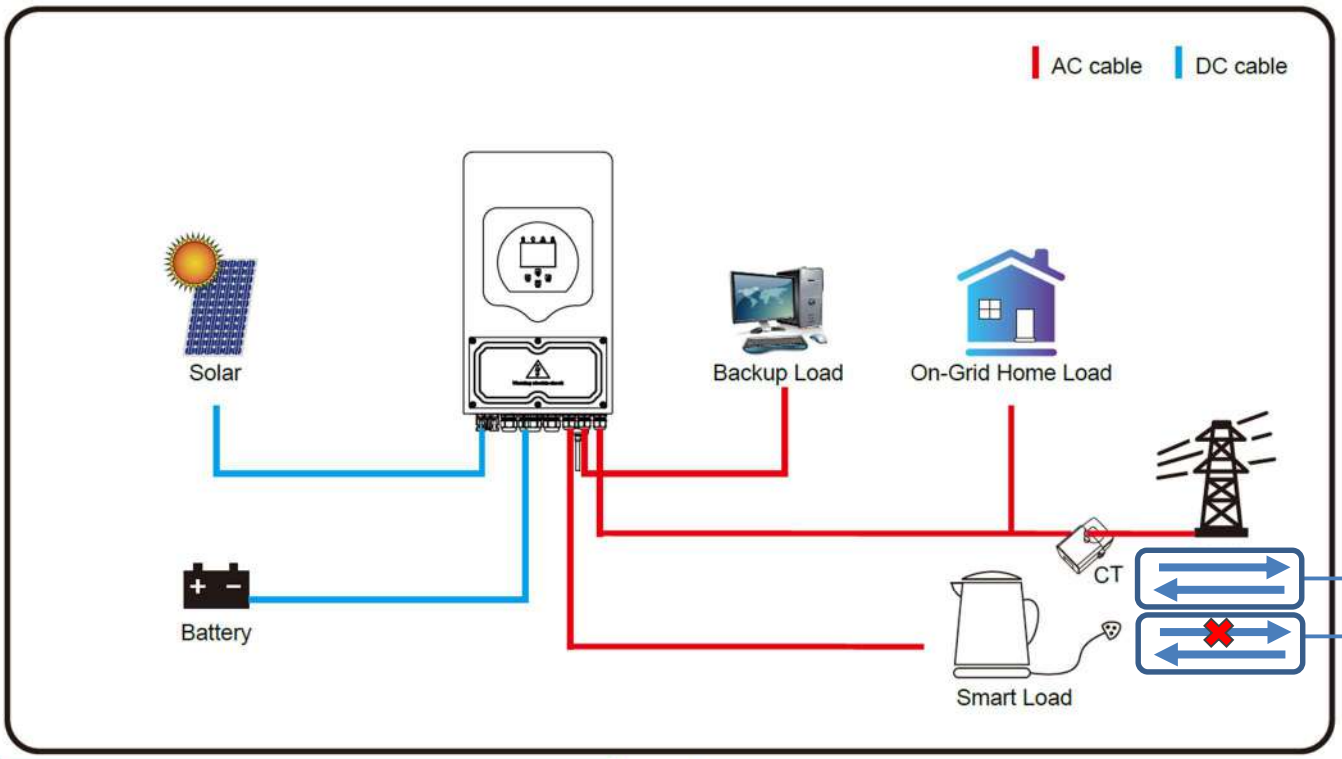
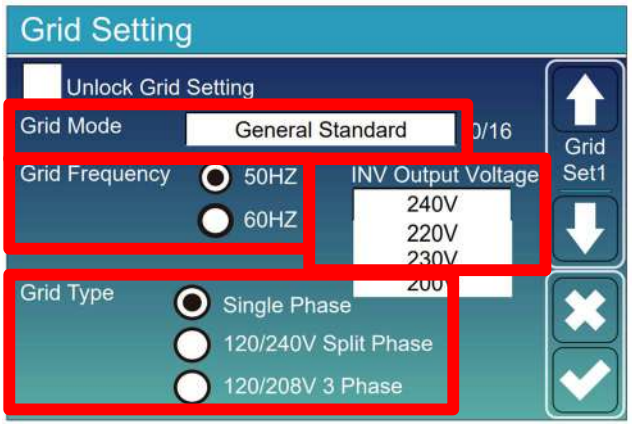
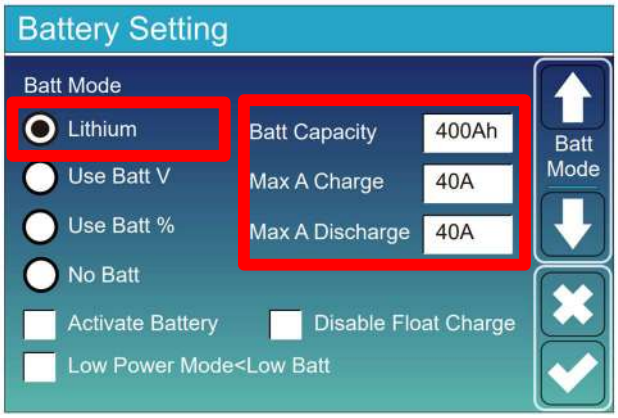
3. ON GRID WITH LITHIUM BATTERIES AND SMART LOAD







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

ENERGY PATTERN: PRIORITY OF PV ENERGY
- BATT FIRST: 1) BATTERIES 2) LOADS **- LOAD FIRST: 1) LOAD 2) BATTERIES**

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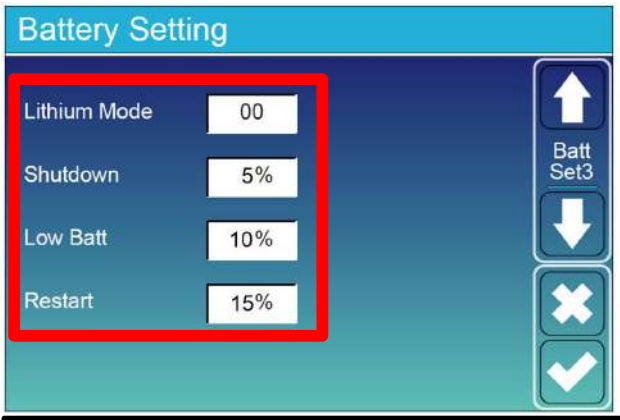
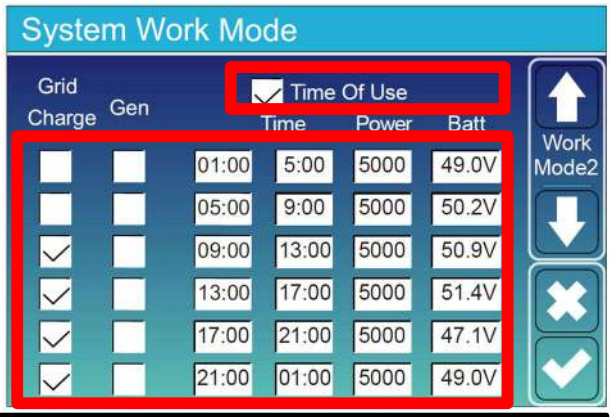
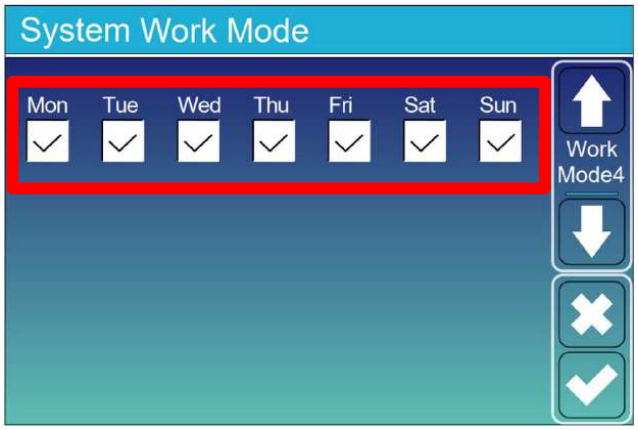
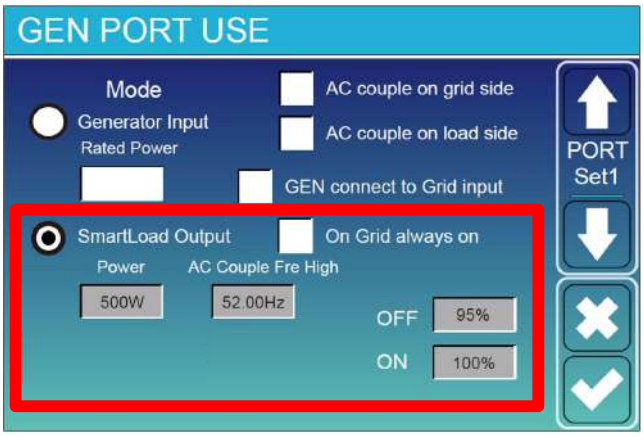
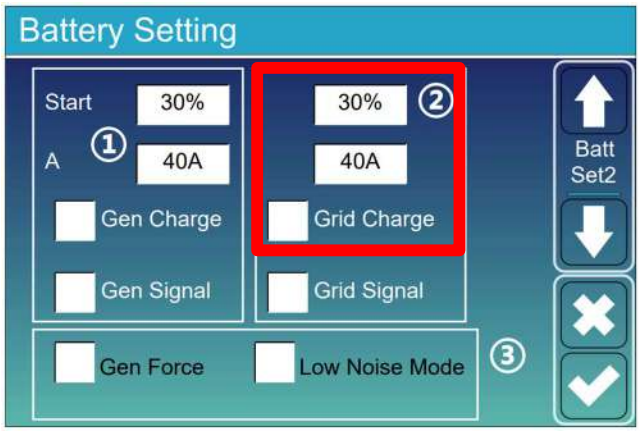


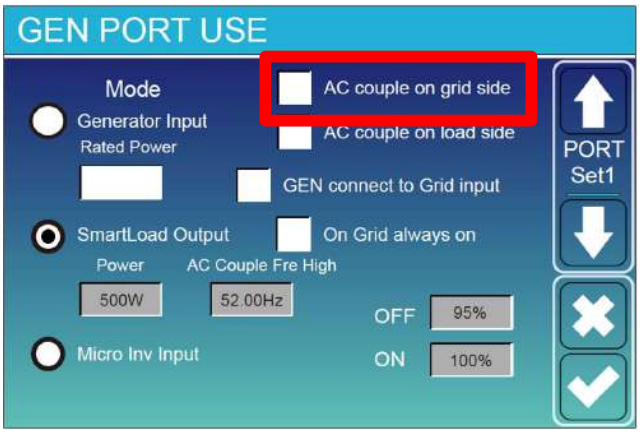


FOR UZ POWER LITE BATTERIES:
LITHIUM MODE: 00 SHUTDOWN: 5% LOW BATT: 10% RESTART: 15%



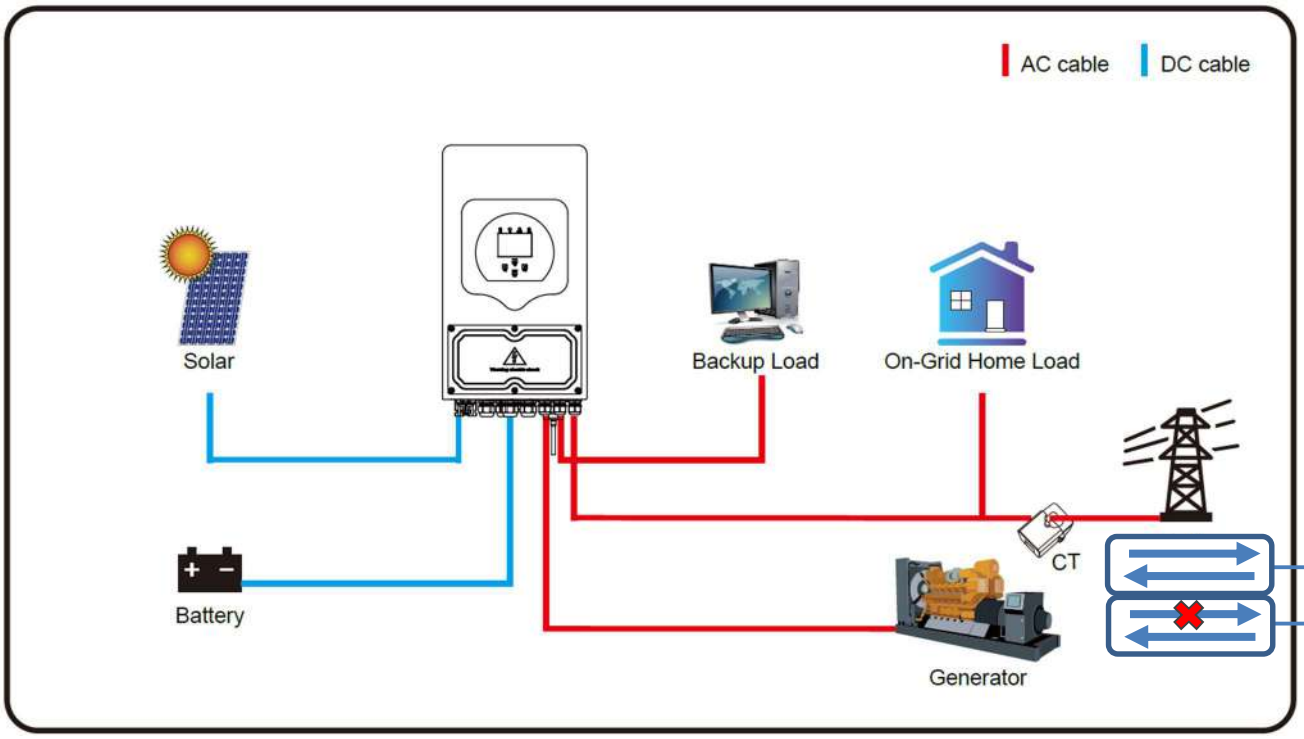


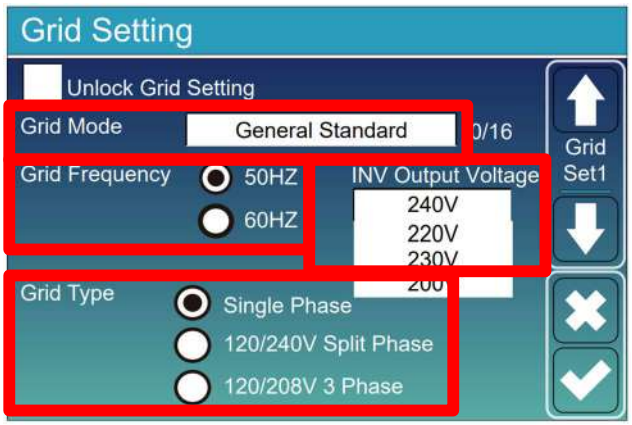


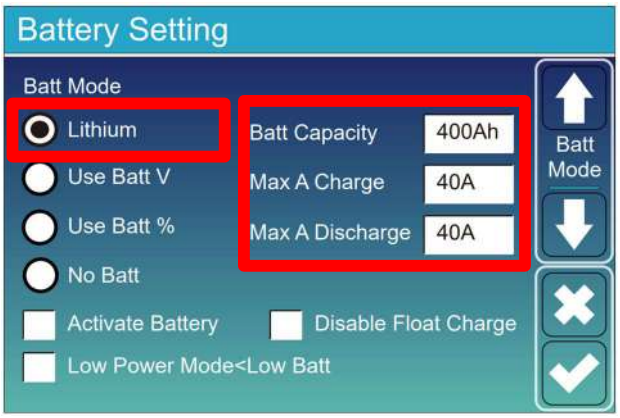


OPTIONAL:
TO CHARGE BATTERIES FROM THE GRID GRID CHARGE: ON *AC COUPLE ON GRID SIDE: ON
*ONLY ON SINGLE PHASE INVERTER

4. ON GRID WITH LITHIUM BATTERIES AND GENERATOR







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

ENERGY PATTERN: PRIORITY OF PV ENERGY
- BATT FIRST: 1) BATTERIES 2) LOADS
- LOAD FIRST: 1) LOAD 2) BATTERIES

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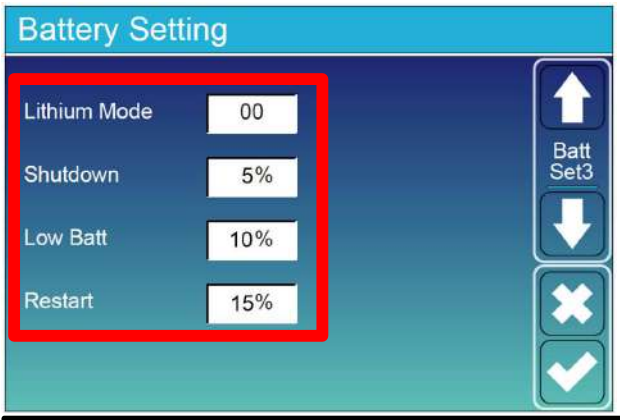
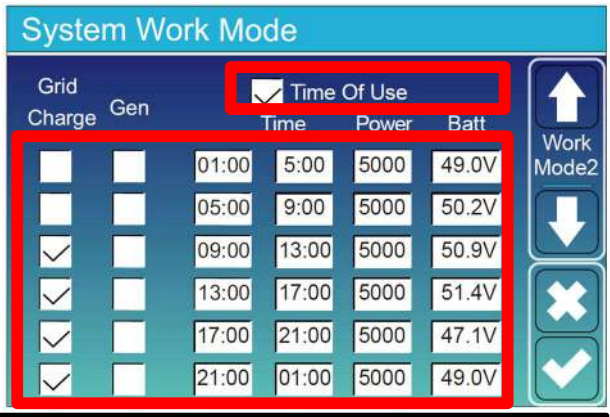
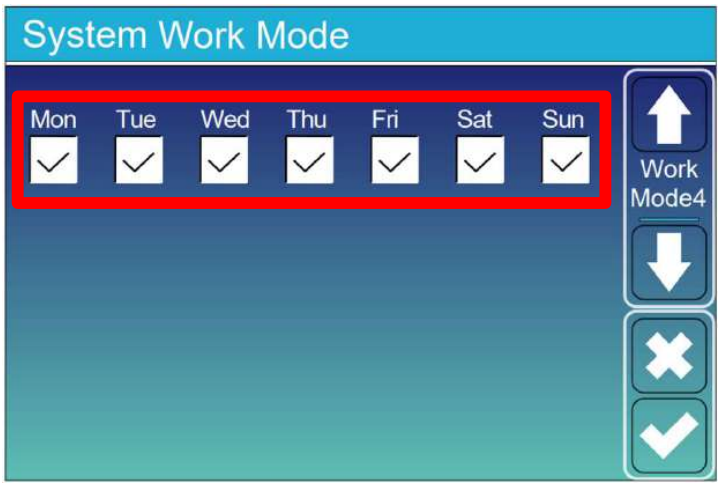
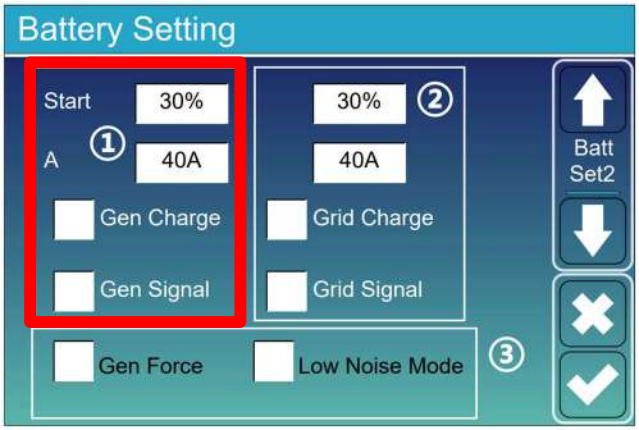
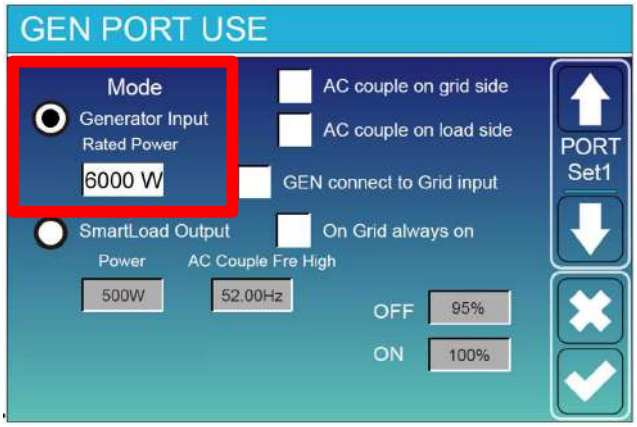




FOR UZ POWER LITE BATTERIES:
LITHIUM MODE: 00 SHUTDOWN: 5% LOW BATT: 10% RESTART: 15%







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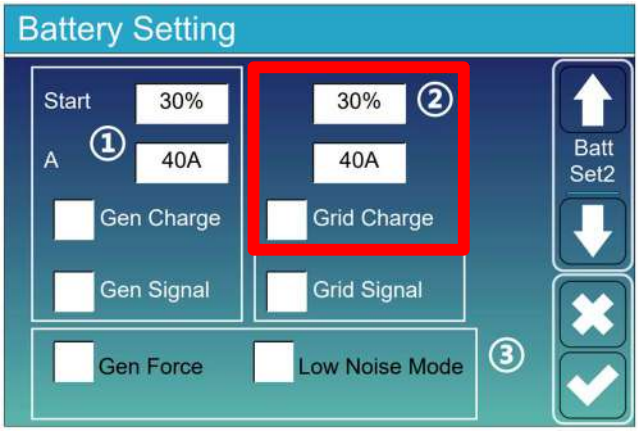

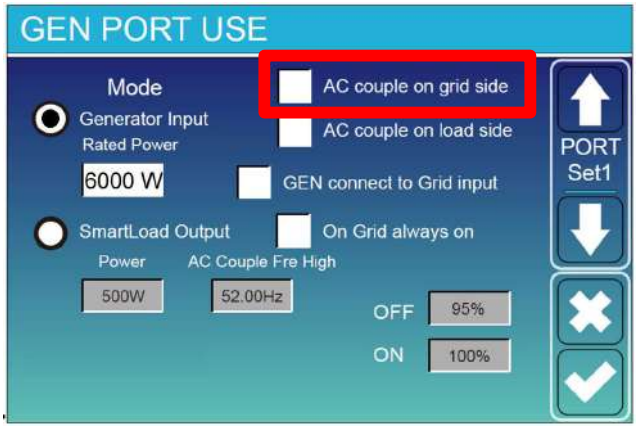

OPTIONAL:

TO CHARGE BATTERIES FROM THE GRID GRID CHARGE: ON *AC COUPLE ON GRID SIDE: ON

*ONLY ON SINGLE PHASE INVERTER

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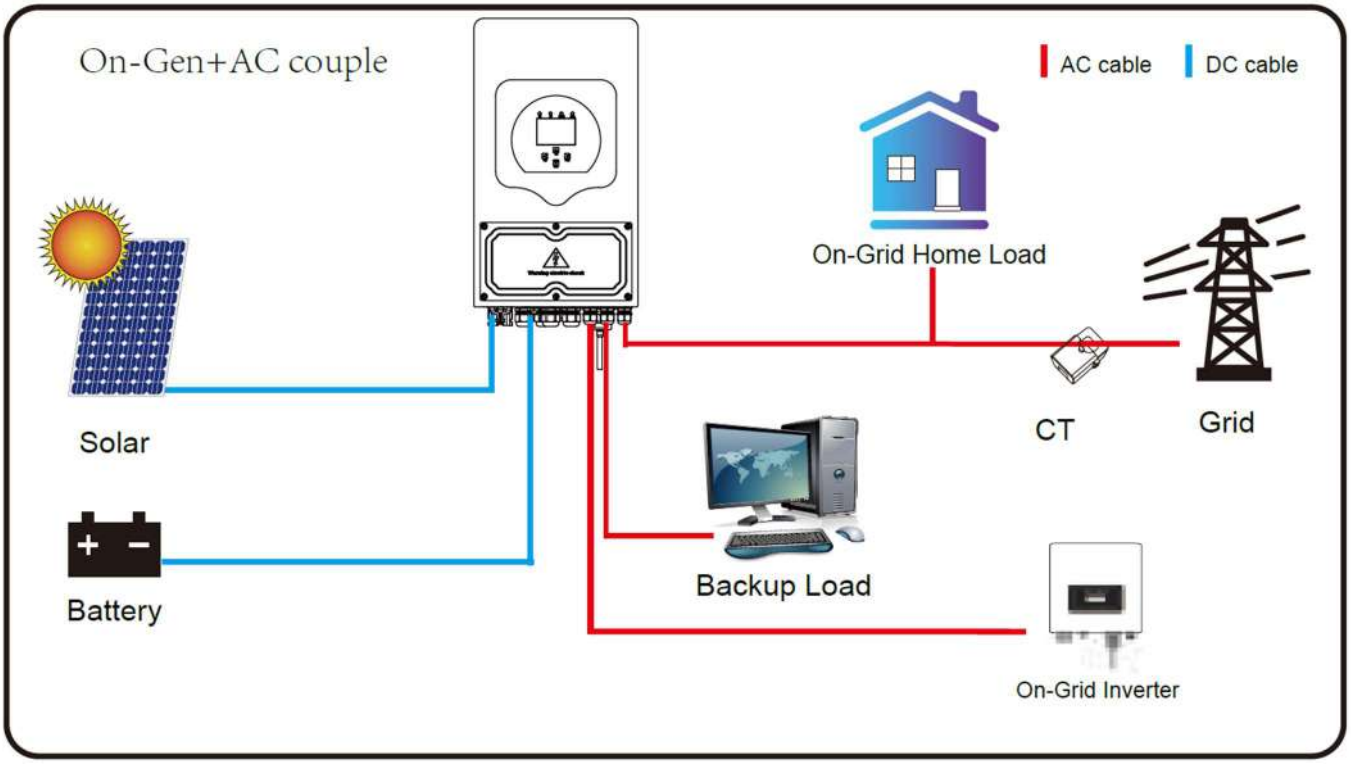
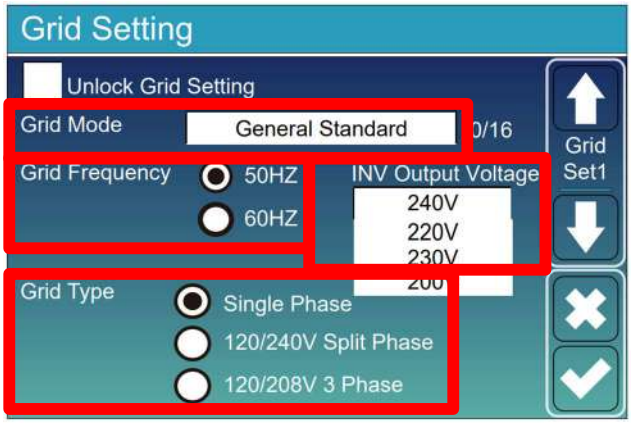
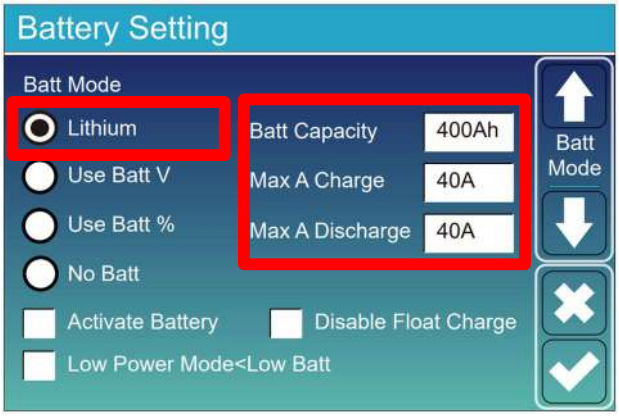
5. ON GRID WITH LITHIUM BATTERIES AND ON-GRID INVERTER (GEN PORT)







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

ENERGY PATTERN: PRIORITY OF PV ENERGY
- BATT FIRST: 1) BATTERIES 2) LOADS
- LOAD FIRST: 1) LOAD 2) BATTERIES

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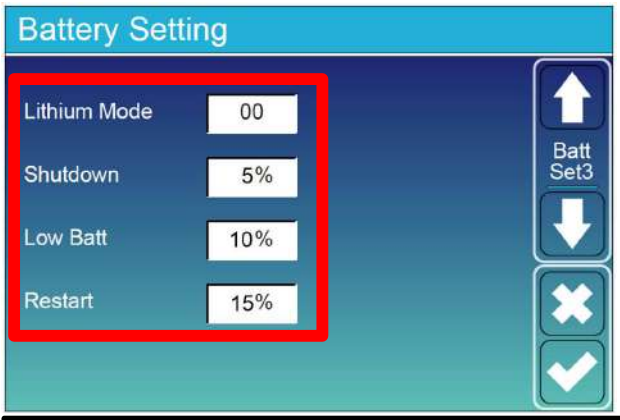
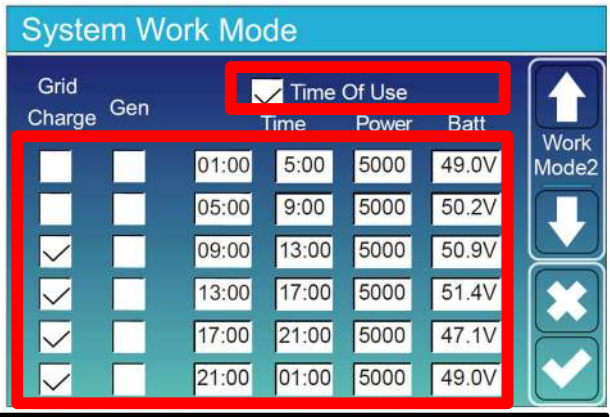
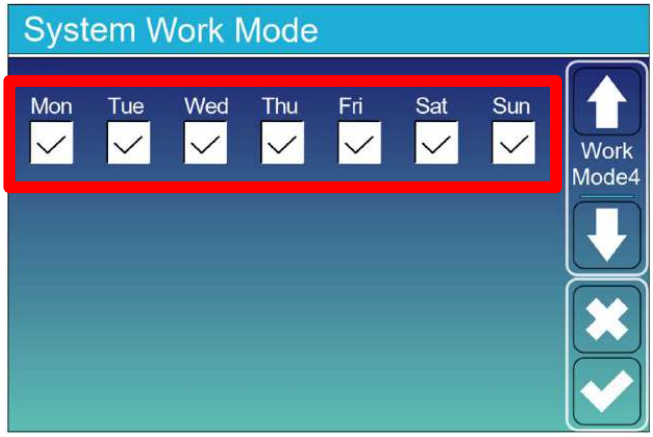
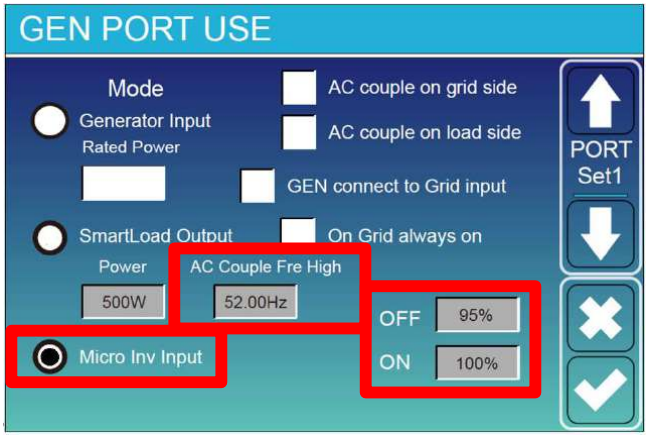
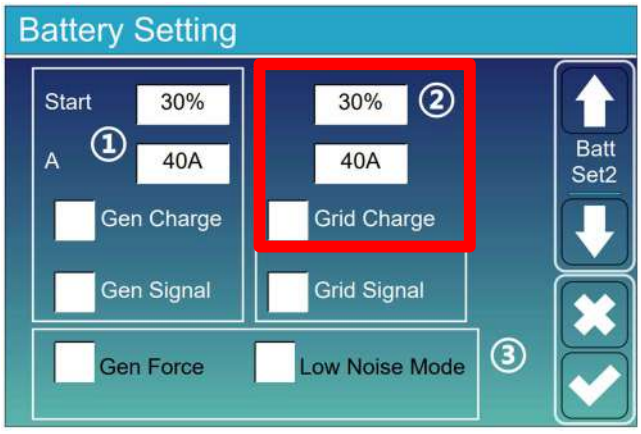


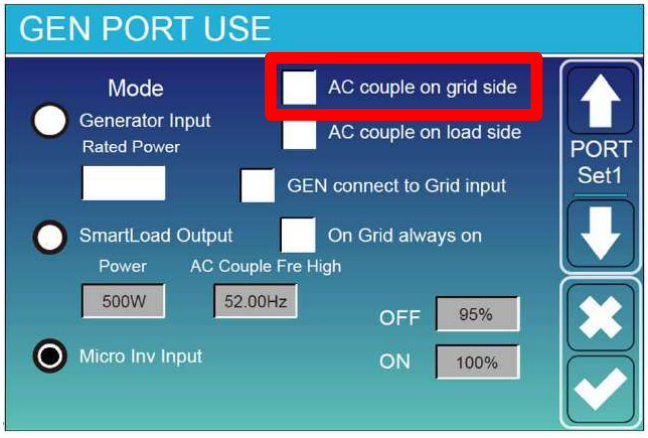


FOR UZ POWER LITE BATTERIES:
LITHIUM MODE: 00 SHUTDOWN: 5% LOW BATT: 10% RESTART: 15%









OPTIONAL:
TO CHARGE BATTERIES FROM THE GRID GRID CHARGE: ON *AC COUPLE ON GRID SIDE: ON
*ONLY ON SINGLE PHASE INVERTER

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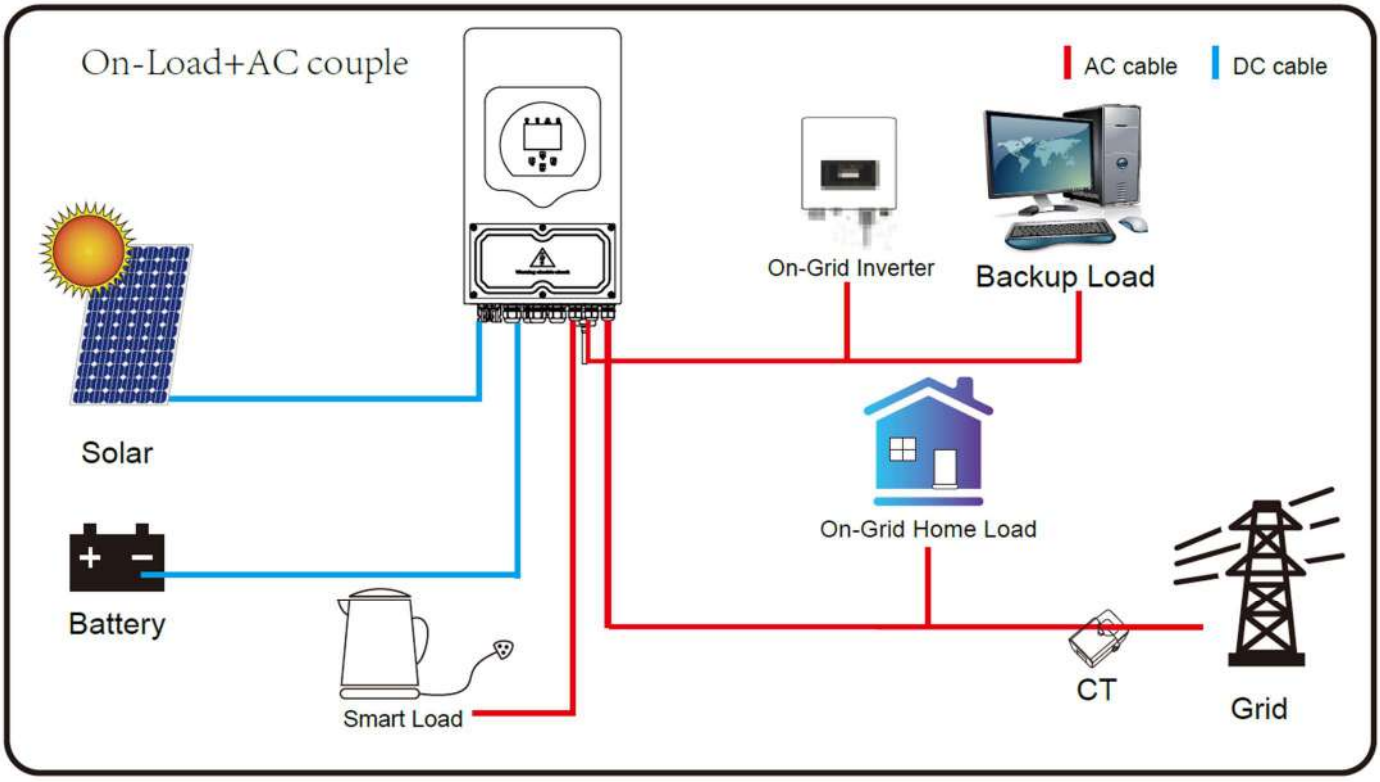
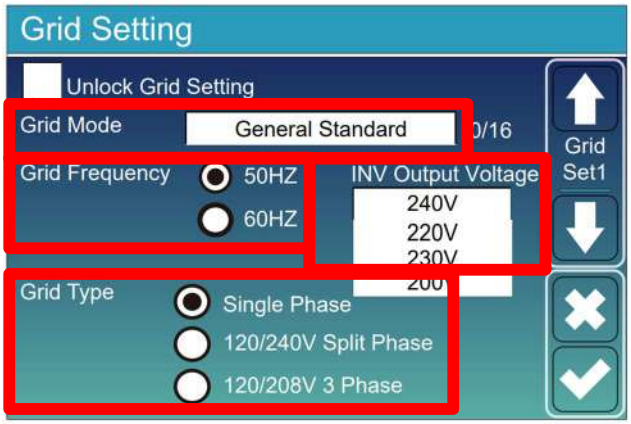
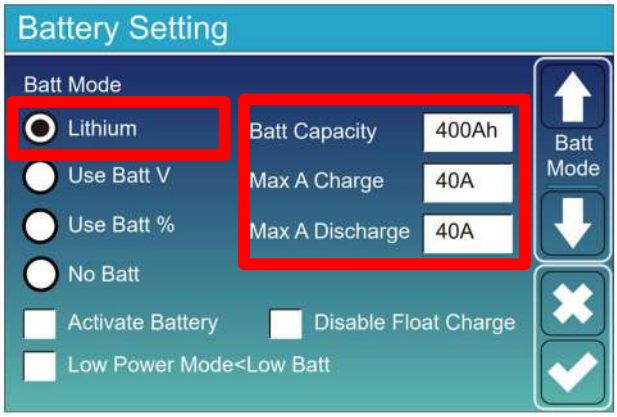
6. ON GRID WITH LITHIUM BATTERIES, ON-GRID INVERTER (LOAD PORT) AND SMART LOAD

ONLY FOR SINGLE PHASE INVERTER







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

ENERGY PATTERN: PRIORITY OF PV ENERGY
- **BATT FIRST: 1) BATTERIES 2) LOADS**
- **LOAD FIRST: 1) LOAD 2) BATTERIES**

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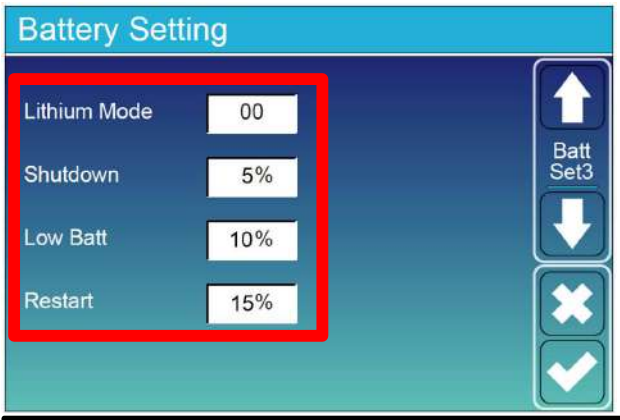
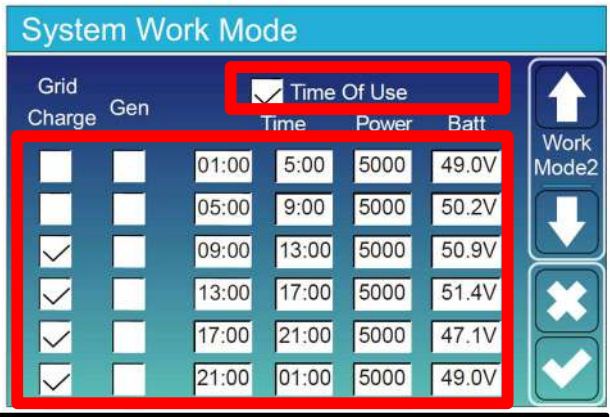
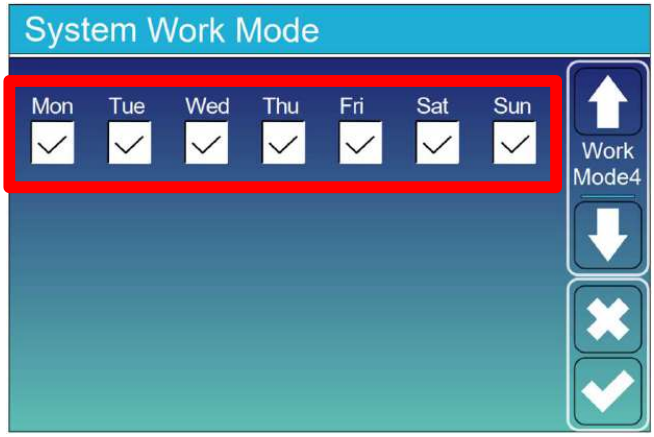
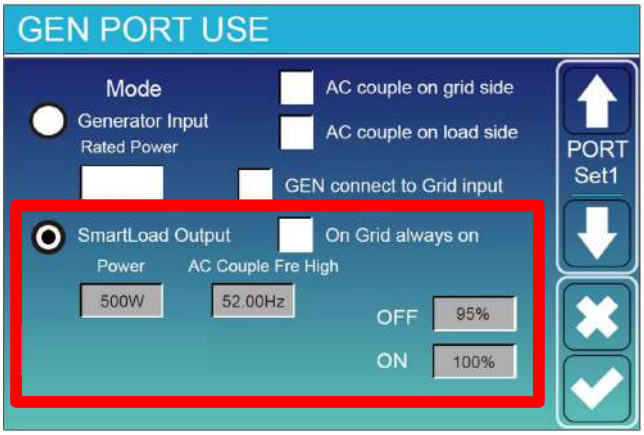
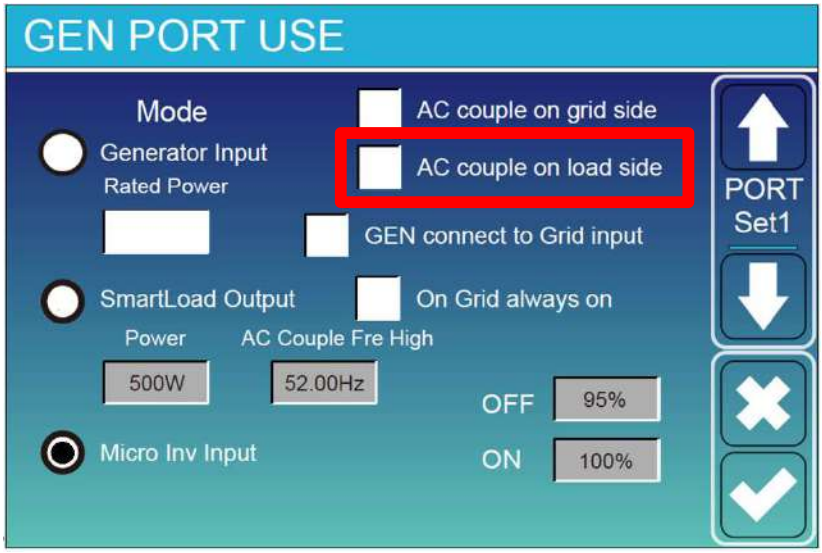




FOR UZ POWER LITE BATTERIES:
LITHIUM MODE: 00 SHUTDOWN: 5% LOW BATT: 10% RESTART: 15%







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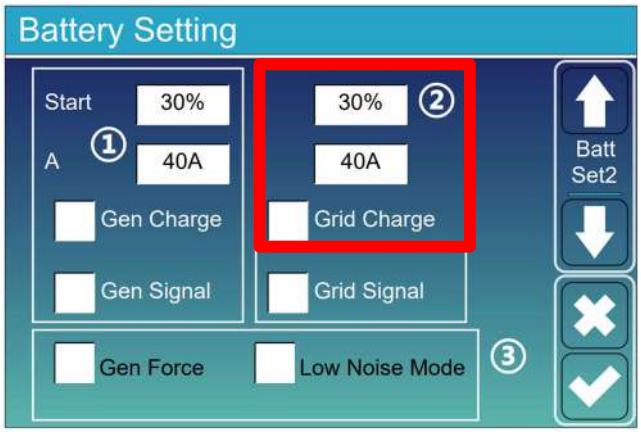
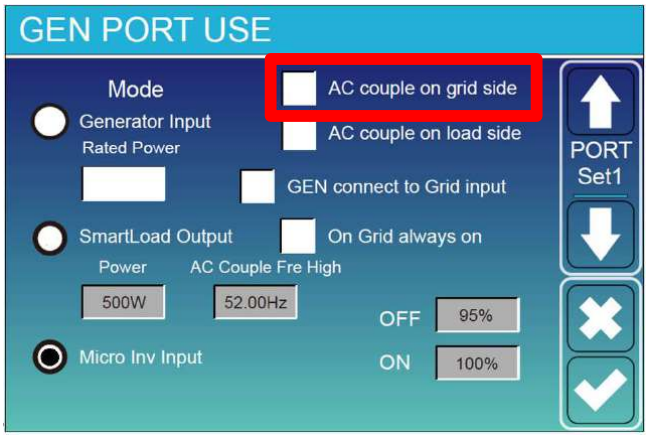
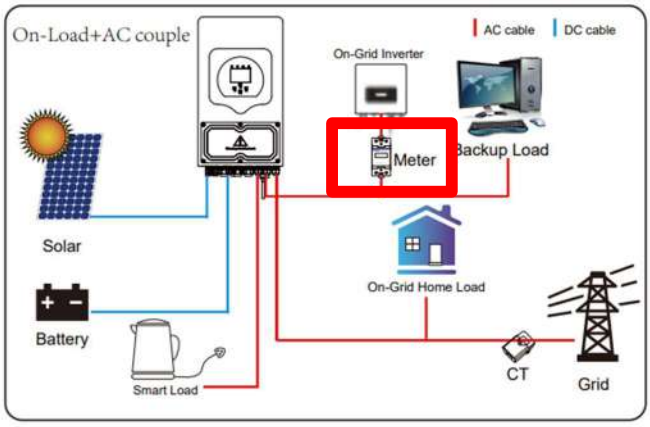
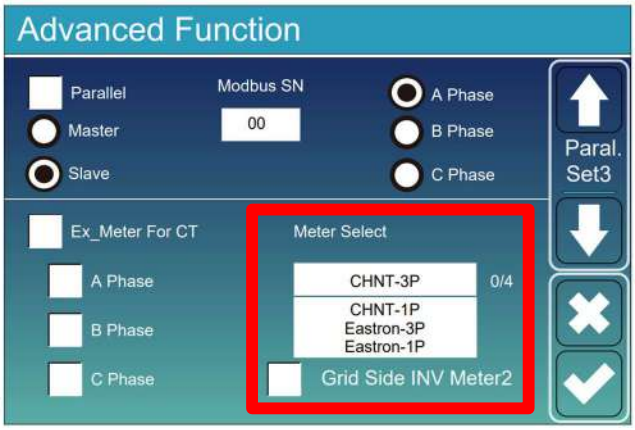




OPTIONAL:
TO CHARGE BATTERIES FROM THE GRID GRID CHARGE: ON *AC COUPLE ON GRID SIDE: ON
*ONLY ON SINGLE PHASE INVERTER





OPTIONAL:
WITH A METER FOR ON-GRID INVERTER ON LOAD PORT GRID SIDE INV METER 2: ON

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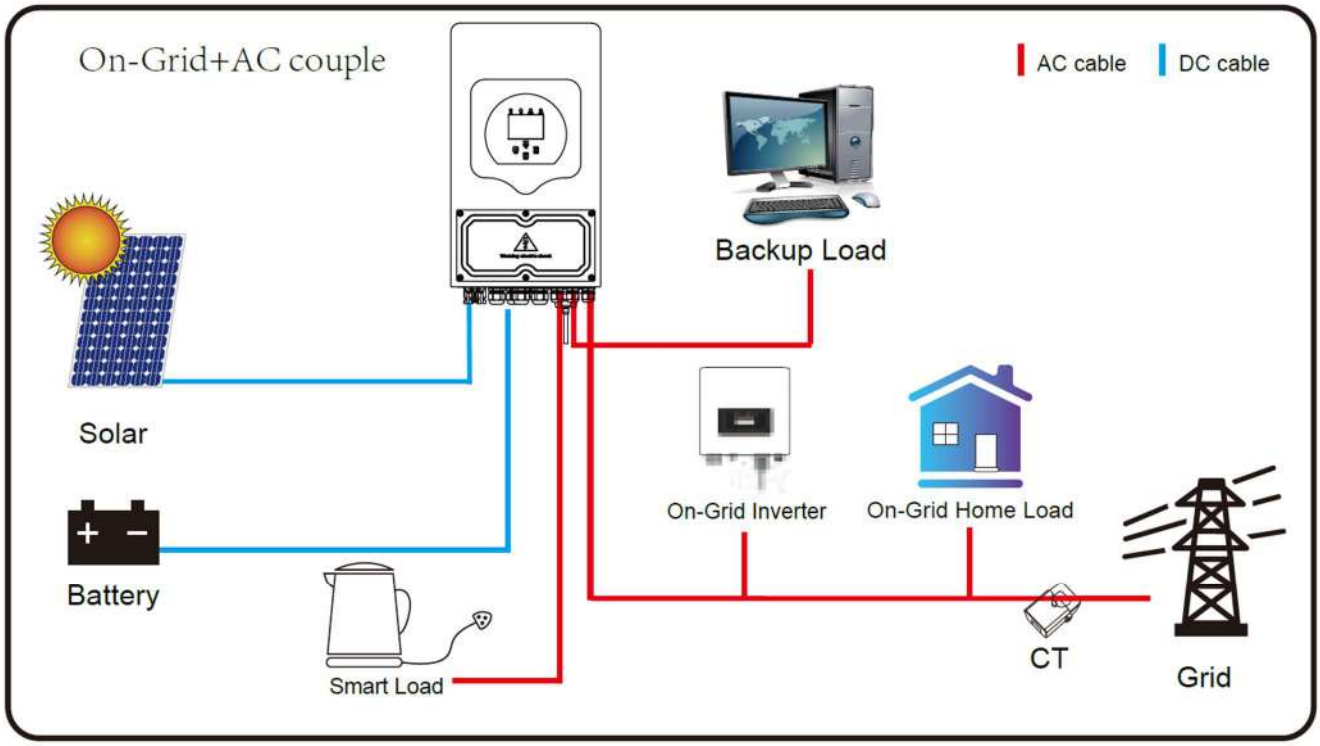
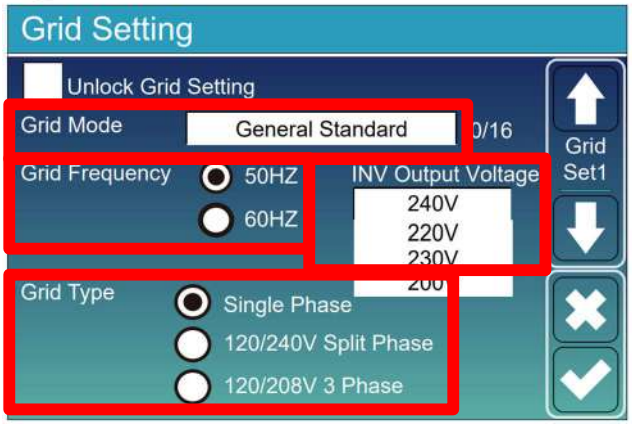
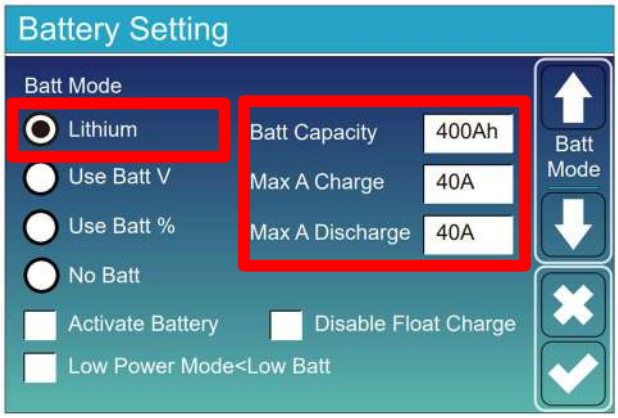
7 ON GRID WITH LITHIUM BATTERIES, ON-GRID INVERTER (GRID PORT) AND SMART LOAD

ONLY FOR SINGLE PHASE INVERTER







ZERO IMMISSION:
- SOLAR SELL: OFF
- ZERO-EXPORT POWER: 0 W

WITH IMMISSION:
- SOLAR SELL: ON
- MAX SELL POWER: MAX POWER TO THE GRID

ENERGY PATTERN: PRIORITY OF PV ENERGY

- BATT FIRST: 1) BATTERIES 2) LOADS

- LOAD FIRST: 1) LOAD 2) BATTERIES

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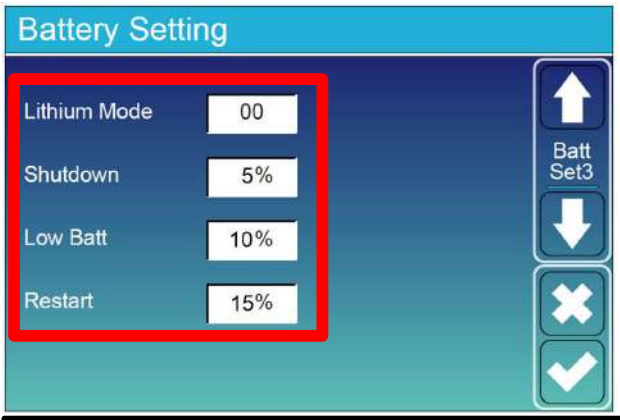
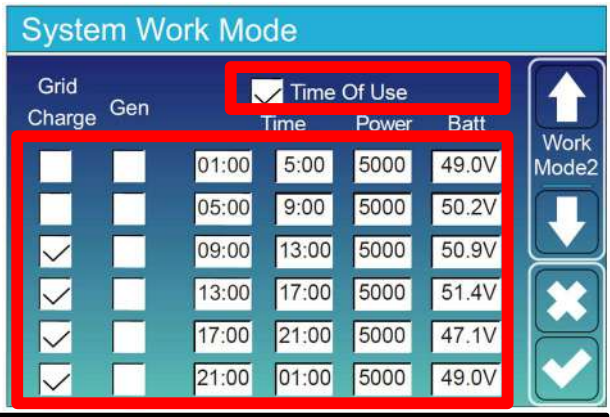
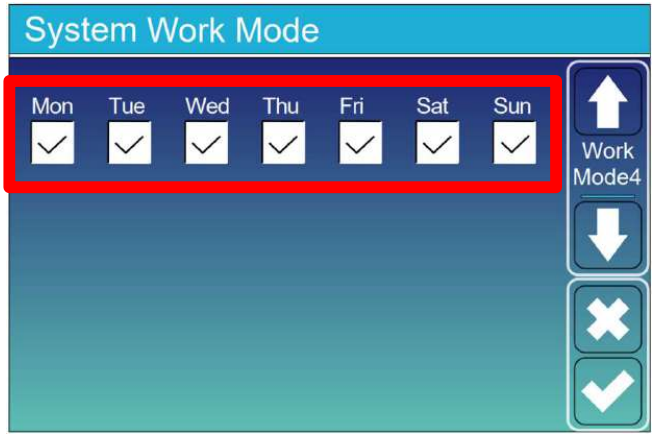
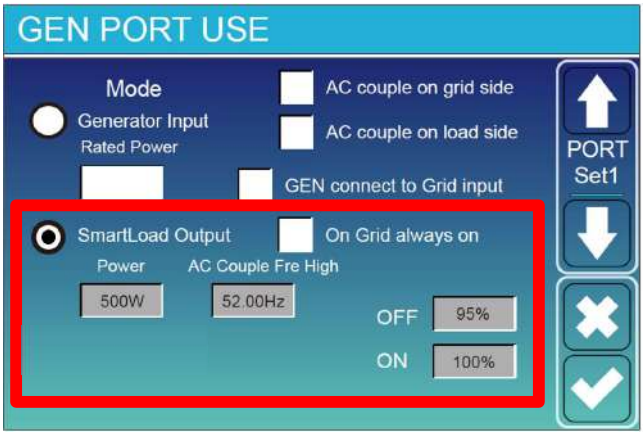
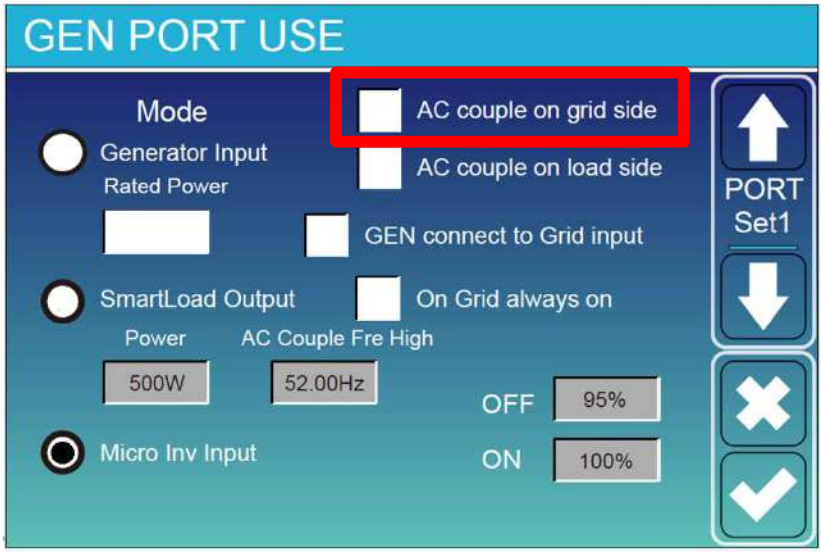




FOR UZ POWER LITE BATTERIES:
LITHIUM MODE: 00 SHUTDOWN: 5% LOW BATT: 10% RESTART: 15%







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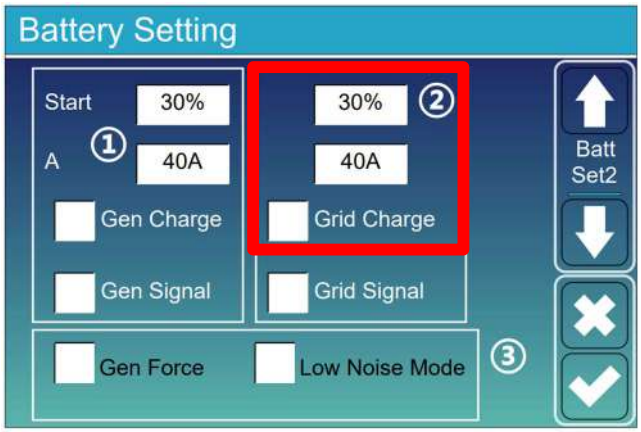
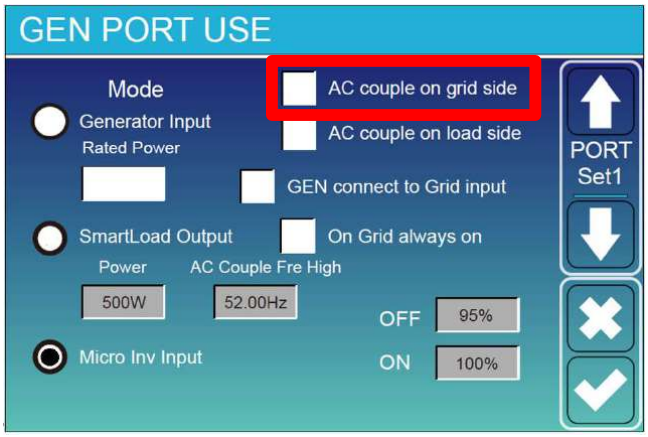
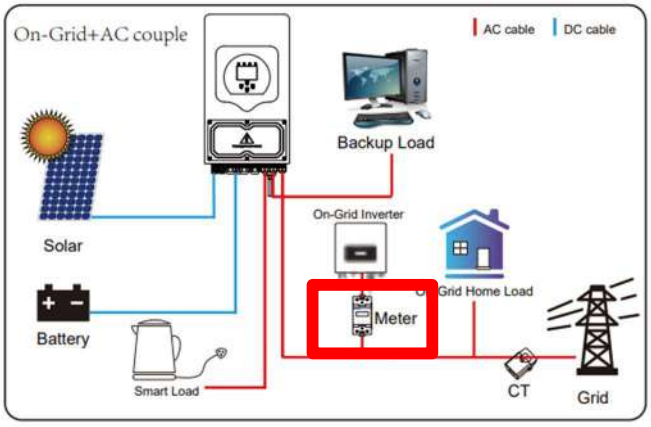
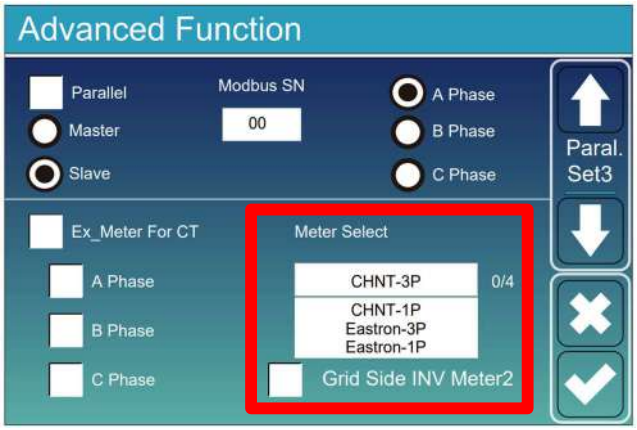




OPTIONAL:
TO CHARGE BATTERIES FROM THE GRID GRID CHARGE: ON *AC COUPLE ON GRID SIDE: ON
*ONLY ON SINGLE PHASE INVERTER





OPTIONAL:
WITH A METER FOR ON-GRID INVERTER ON GRID PORT GRID SIDE INV METER 2: ON

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For further information**: serivce.inverter@futurasun.it**