

INVERTER ASSIST

WHAT IS IT?

Inverter assist is a state in which power is temporarily drawn from the batteries to keep EMS loads from shedding.

WHEN AND WHY DOES IT OCCUR?

INVERTER ASSIST WILL ACTIVATE IF THE FOLLOWING CONDITIONS ARE TRUE

- 1 SHORE OR GENERATOR POWER IS AVAILIABLE
- 2 THE CHARGER IS IN FLOAT MODE (BATTERIES ARE CLOSE TO FULL CHARGE)
- 3 THE CHARGE RATE HAS BEEN REDUCED
- 4 A NON-EMS INVERTED LOAD IS ACTIVATED, SUCH AS THE MICROWAVE



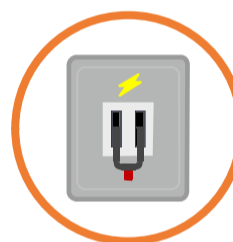
Batteries close to full



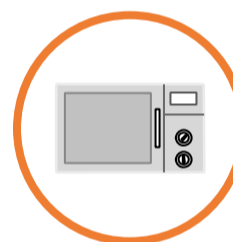
Connected to Shore Power or Gen Charging



Charger in Float



Close to Shore / Gen Breaker Max



Non-EMS Inverted Load Activated

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! If the conditons above are true. To keep any EMS load from shedding the inverter will go from passthrough to inverting to temporarily invert for 5 minutes.

! Please note inverter assist can only occur once every charge cycle. Therefore the coach will not frequently be in inverter assist mode.

! Please note inverter assist will temporarily decrease your battery voltage. This is normal the voltage will stabilize realtively quickly once the inveter assist period has expired.

FOR ANY FURTHER QUESTIONS

PLEASE CONTACT SPYDER

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