

System Diagram 3

KISAE Inverter-Charger

System benefits:

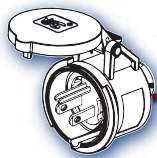
- Run AC loads & recharge batteries from the same product
- Sinewave output runs loads best
- Multi-Stage battery charger charges batteries quickly and accurately



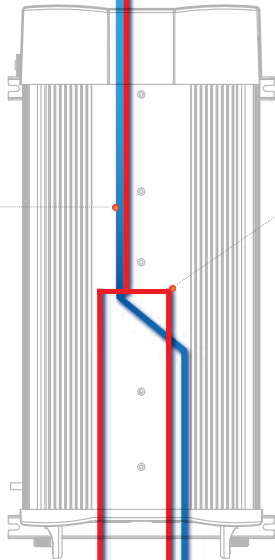
AC OUTPUT
to Load

BLUE LINE =
inverter converts DC battery power into household AC output to power connected loads

RED LINE =
shore power feeds directly through internal transfer switch to power connected loads and provide power to charge battery



SHORE POWER



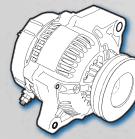
BATTERY CHARGING
from shore power

OPTIONAL BATTERY CHARGING METHOD

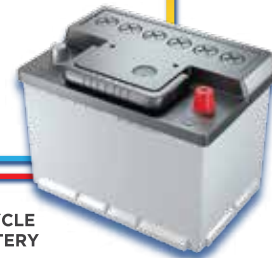
PV Solar Panel



Alternator



DC-DC Charger
(DMT1250)



12V DEEP CYCLE HOUSE BATTERY