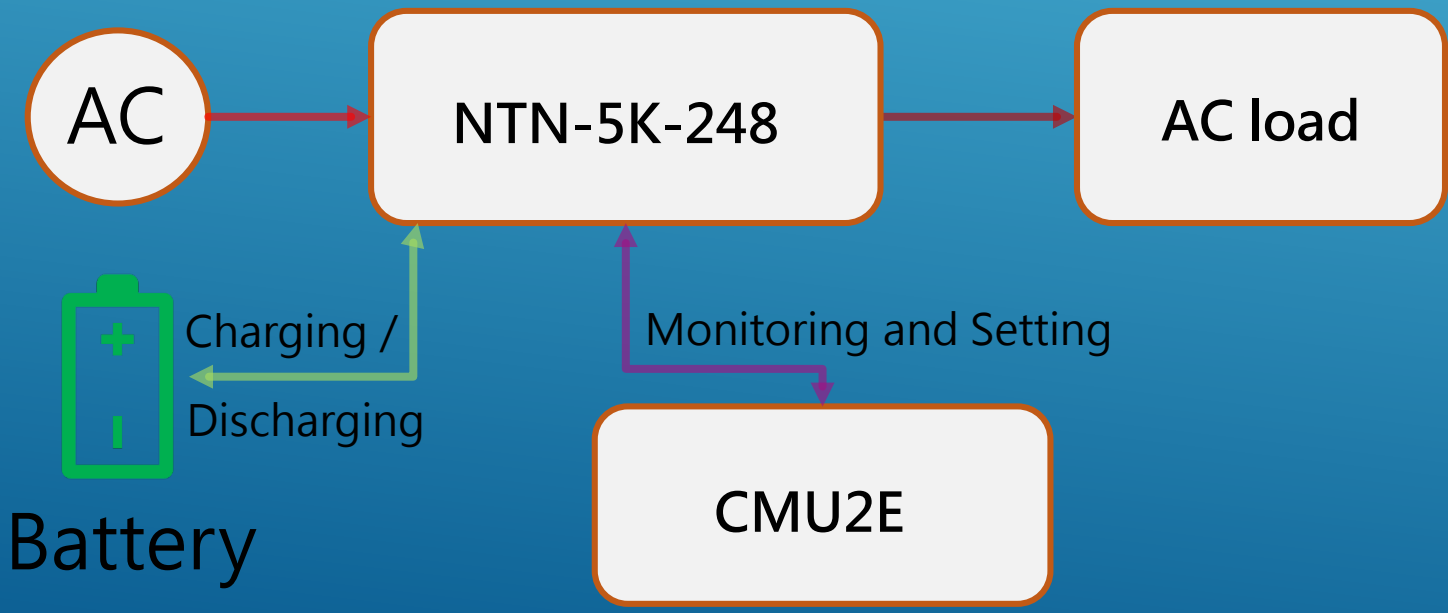


MOBILE ENERGY STATION SOLUTION

- Application : EV Roadside Assistance
- PSU/Model : NTN-5K
- System Voltage : 48VDC – 230VAC (30KW)
- Control Interface : MODBus
(Monitoring inverter status / Set charging V,I)



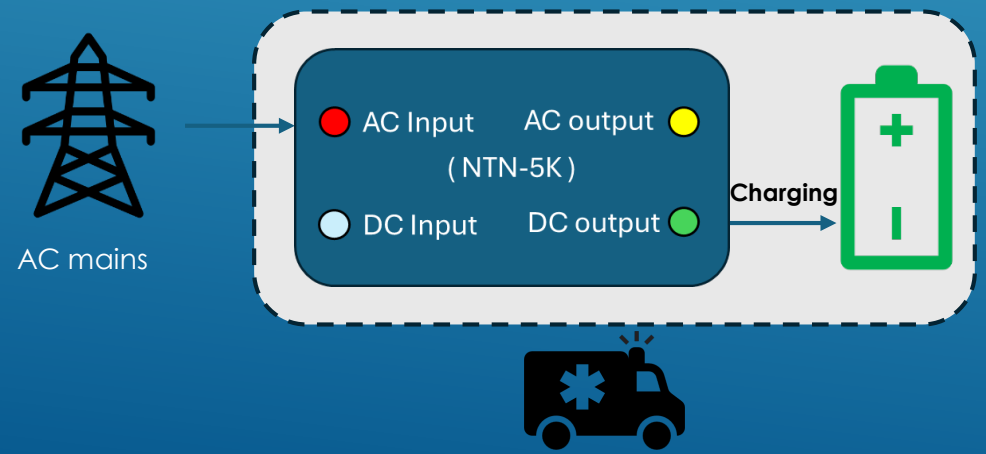
MOBILE ENERGY STATION SOLUTION

Roadside assistance vehicle support emergent need of breakdown cars on the road. One of the new challenge is the battery drying out on Electrical Vehicle. With NTN-5K used in parallel it can support up to 30KW AC power for an emergency charging.

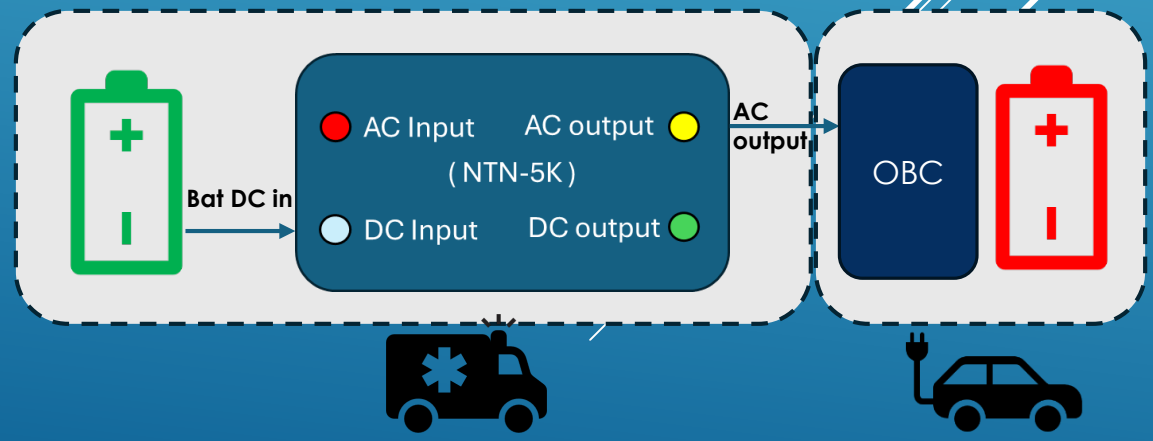
The inverter can be set in single mode or two (or three) phase mode for EV AC slow charging. Afterward the car can be drove to nearest garage or charging station for a repair service or high volume charging

The assistance vehicle itself equipped with batteries can be charged again with the same unit of NTN when back to their based and get connection of AC main.

Scenario 1 :
Roadside vehicle at base station charged by AC with NTN



Scenario 2 :
Battery charged by another battery



MOBILE ENERGY STATION SOLUTION

Key Features :

- 5KW Charger and off-grid Inverter 2-in-1
- Output Power scalable with parallel up to 30KW
 - Single phase high current output or
 - 2 or 3 phase synchronized AC output
- Monitoring and Setting with CMU2E touch panel
- Digital Communication with CMU2E and Battery
- Can be used with external MPPT

AC Input



AC Output

DC I/O

