MEAN WELL

5KW Off-Grid Industrial Grade



NTN-5K SERIES

2-in-1 Charging Inverter

- Multi-functional All-in-One device (AC-DC Charger + DC-AC Inverter for Load + AC Bypass for Load)
- Built-in AC-DC high power charger up to 4520W
- DC-AC pure sine wave output (THD<3%)
- Instantaneous peak power of up to 10KW for AC output
- Up to 6 units of AC output can be paralleled, expanding wattage up to 30KW (5+1 units)
- Utilizes 3 NTN-5K unidirectional AC outputs, configurable for 3Ø4W usage
- -30～+70°C ultra-wide temperature range, suitable for global deployment or installation in enclosed environments
- Built-in remote ON/OFF control
- Protections:
  DC input: Reverse Polarity, Low Voltage Warning and Shutdown, Over Voltage, Battery Over Discharge
  AC output: Short Circuit, Overload, Over Temperature
- Built-in Modbus or CAN bus communication monitoring
- Optional intelligent controllers available for purchase: CMU2E (Stand-Alone Vertical Mounting / Rail Mounting) or CMU2E-R (Rack System Installation)
- Dimensions (L x W x H): 460 x 211 x 83.5mm
- PCB coating for basic moisture / dust / dirt protection
- Certifications: CB / TUV / RCM / EAC / CE / UKCA / FCC
- Compatible with lead acid or lithium batteries
- 5 years warranty

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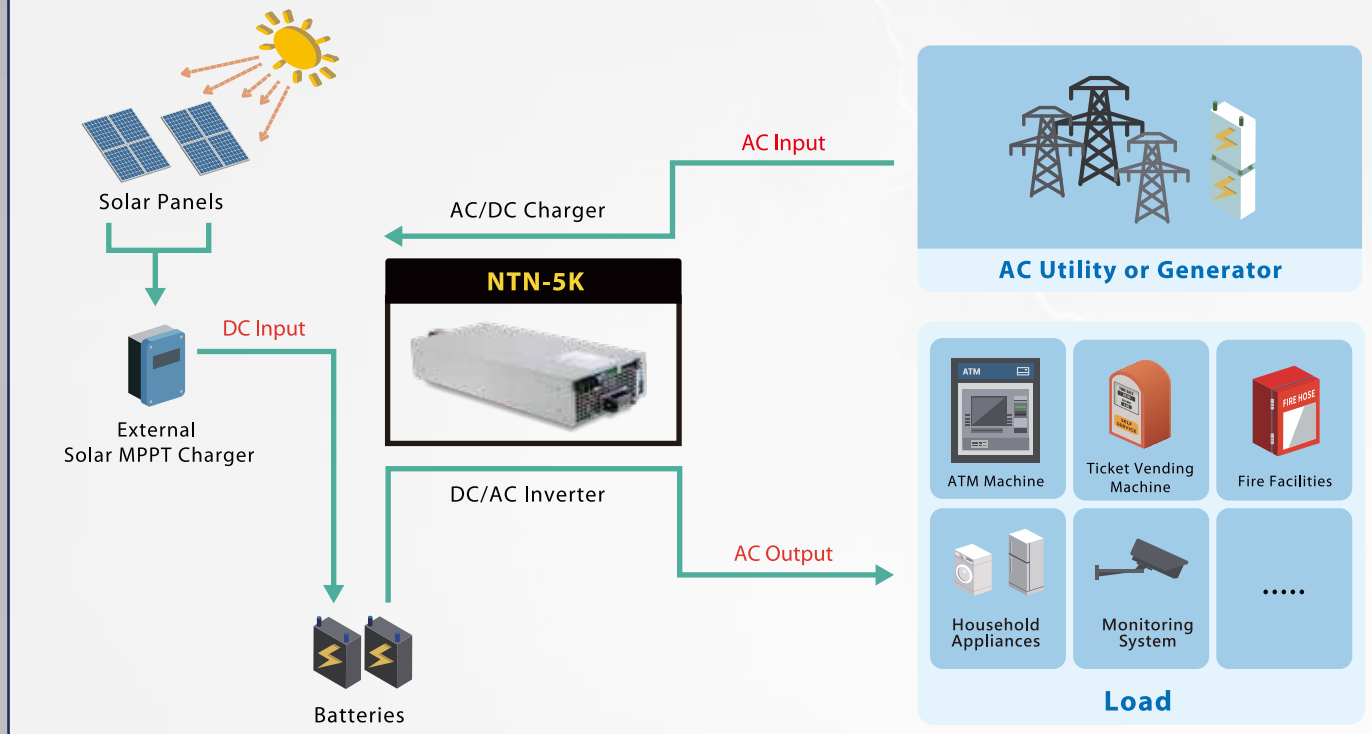
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SPEC.

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System Configuration



Mobile Application: EV Charging Roadside Assistance



