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Subject: GenZ Inverter Compatibility Statement for genZ Rack Mount Models:

- GZ48-081-2RU-01Z Series III
- GZ48-058-2RU-01Z Series III

GenZ rack mount battery models GZ48-081-2RU-01Z and GZ48-058-2RU-01Z (both series III) are generally compatible with a wide range of inverters and chargers typically used with lead acid and lithium batteries. GenZ batteries operate independently of communications with chargers and inverters.

As detailed in genZ "Product Manual" (and repeated below) the charge profile for genZ batteries is as follows:

1. Constant Current (CC) charging at the set current of up to 40.5 Amps and 29 Amps respectively per battery module.
2. Constant Voltage (CV) charging at the set voltage of 57.6V for up to 2 hours.
3. Float Voltage of 55.2V

Chargers and inverters that offer the above profile or the ability to adjust their profile to match the above are compatible with the genZ GZ48-081-2RU-01Z and GZ48-058-2RU-01Z (both series III) range of batteries.

Installers are recommended to contact genZ and the inverter manufacturer to confirm compatibility of both products before installation.

It should be noted that the genZ rack mount battery models GZ48-081-2RU-01Z and GZ48-058-2RU-01Z (both series III) are both fitted with Battery Management Systems (BMS) and a hydraulic magnetic circuit breaker that adds an additional layer of protection should an incorrect charge profile be applied to the batteries.

Verified Compatible Inverters List:

- Selectronic SP Pro SPMC480-AU Series2i
- Selectronic SP Pro SPMC481-AU Series2i
- Selectronic SP Pro SPMC482-AU Series2i

Sincerely,
Brett Knight
Business Growth Manager

