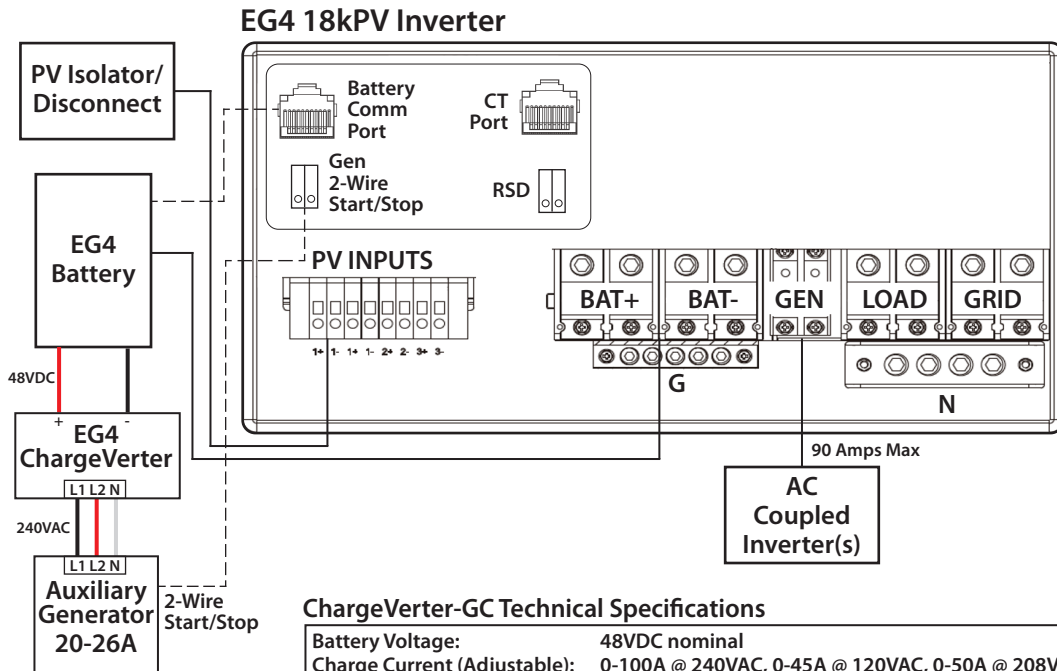


EG4 ChargeVerter-GC: Alternative Battery Charging Option

If the Inverter GEN input is being fed by an AC Coupled Inverter and/or the Generator produces dirty power, the EG4 ChargerVerter can be used to charge batteries. The ChargeVerter-GC is a robust AC-to-DC converter designed specifically for 48VDC Lithium battery charging in on-grid and off-grid Energy Storage Systems. The charger can operate on 120, 208, or 240VAC and is capable of up to 100 Amps of DC charging current.



CAUTION: Use extreme caution when installing this ChargeVerter-GC in an Energy Storage System (ESS) that has an inverter. If the inverter is powering AC loads when the charger automatically starts the generator to charge the batteries, the charger may become the source of DC power to the inverter. Under these conditions, the batteries may charge at a very slow rate causing the generator to run significantly longer than it should.

ChargeVerter-GC Technical Specifications

Battery Voltage:	48VDC nominal
Charge Current (Adjustable):	0-100A @ 240VAC, 0-45A @ 120VAC, 0-50A @ 208VAC
Charge Voltage (Adjustable):	43-57VDC (default: 54VDC)
Charging Power:	Up to 5120W @ 240VAC, 3050W @ 120VAC
AC Input Voltage Range:	90-264VAC
AC Frequency:	50 or 60Hz
Max. Input Current:	26A @ 240VAC, 28A @ 120VAC
Idle Consumption:	~10W