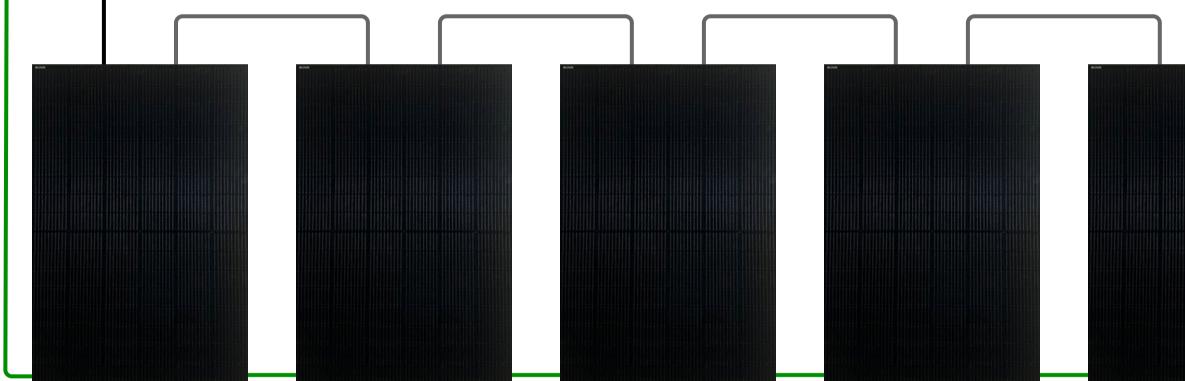
## ELECTRICAL DATA | STC\*

450H

CS6.1-54TM

## Nominal Max. Power (Pmax) 450 W Opt. Operating Voltage (Vmp) 33.0 V Canadian Solar 450w TOPcon Solar Panel Opt. Operating Current (Imp) 13.66 A Open Circuit Voltage (Voc) 38.9 V 5S2P 14.55 A Short Circuit Current (Isc) 18.9 kWh/day 22.0% Module Efficiency



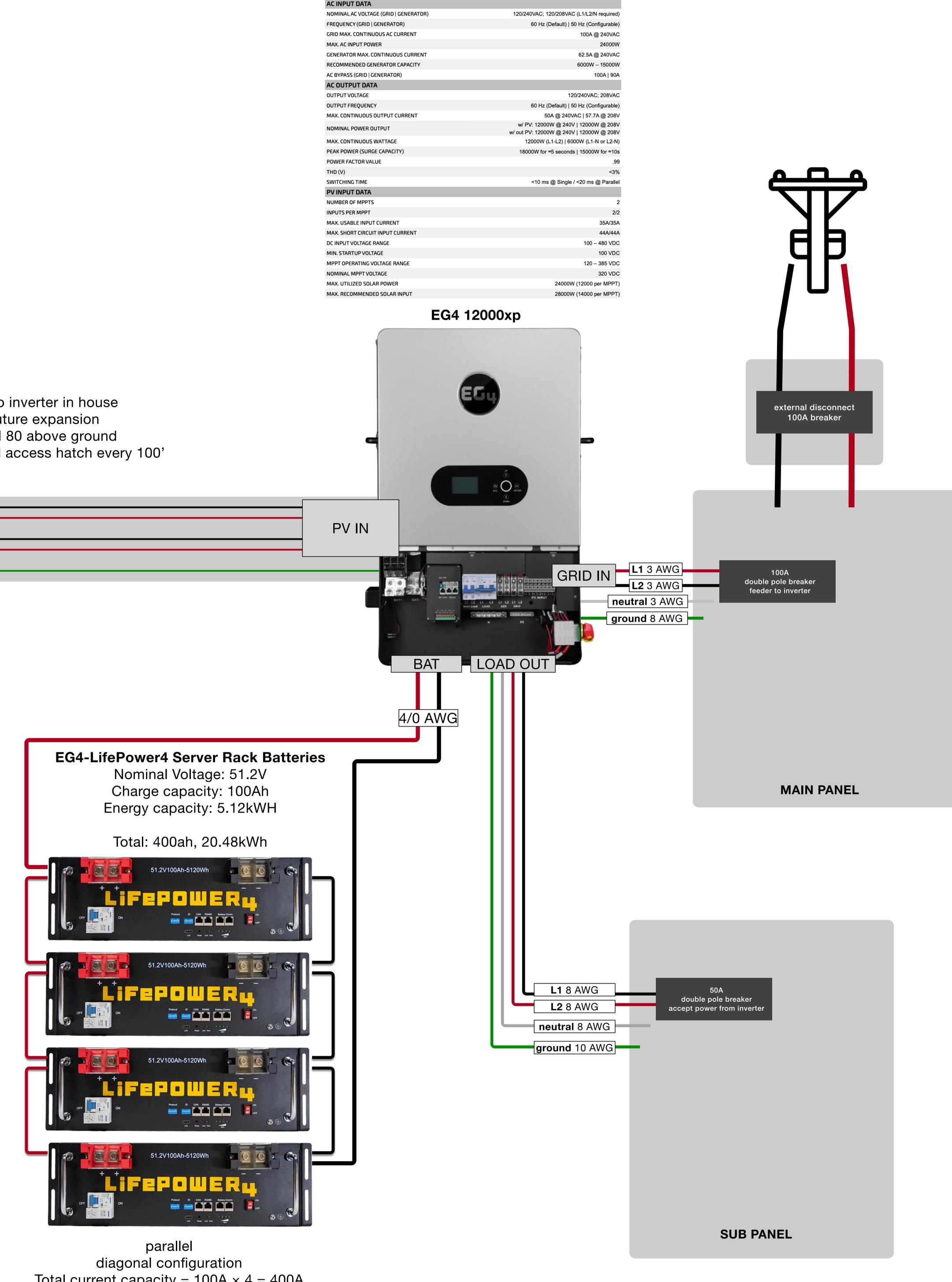
String #1 VoC 194.5 V 13.66 A

~300ft. trench from panels to inverter in house conduit size 2" to allow future expansion SCH 40 under ground / SCH 80 above ground pull box accessible by an in-ground access hatch every 100' 18" deep

10 awg 10 awg + 10 awg 10 awg + 10awg ground

> String #2 VoC 194.5 V 13.66 A

> > 2/0 AWG between batteries (100A per battery)



Total current capacity =  $100A \times 4 = 400A$ Voltage remains at 51.2V