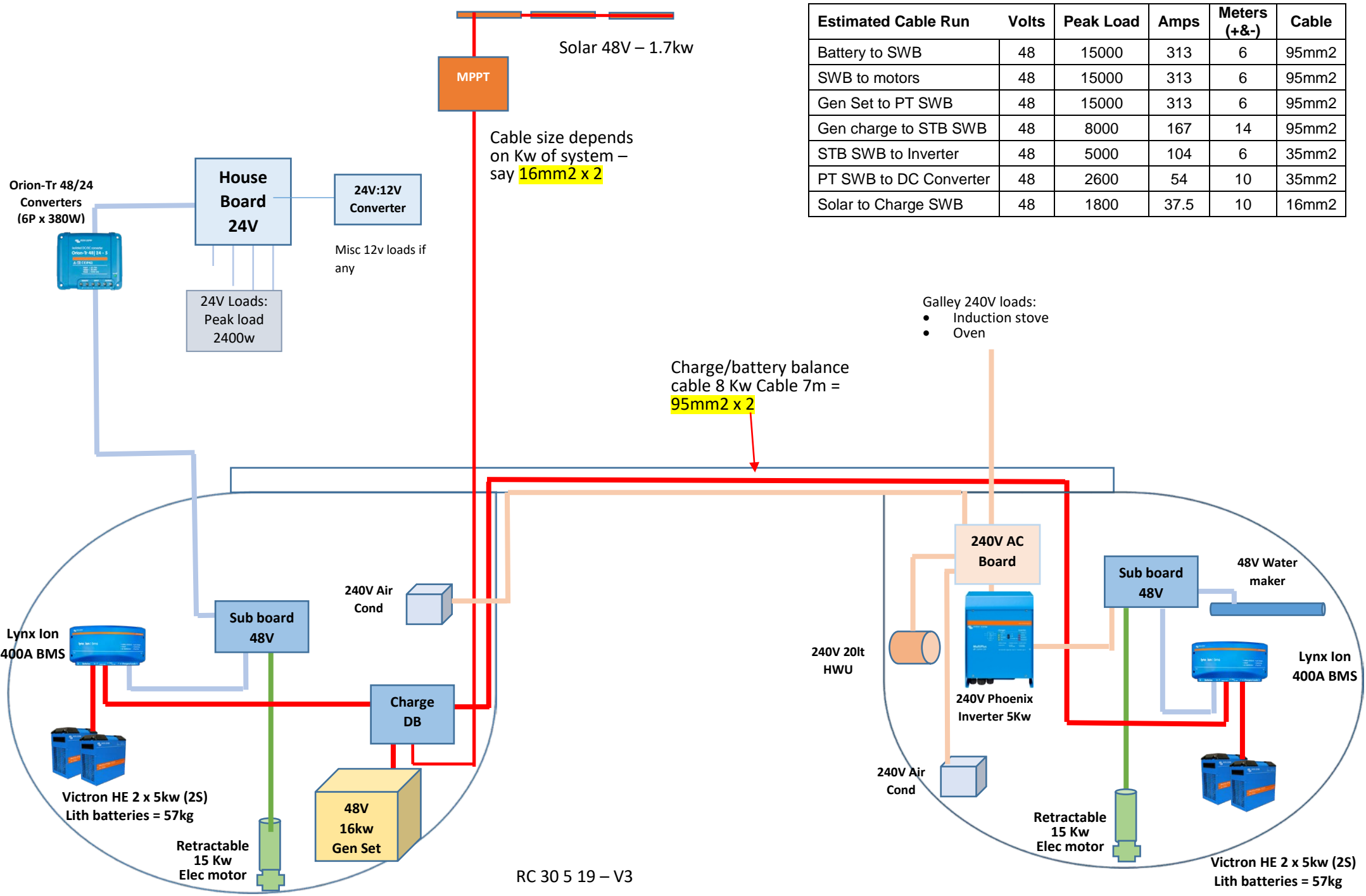


Proposed power schematic – GF 520 - Decentralised



Estimated Cable Run	Volts	Peak Load	Amps	Meters (+&-)	Cable
Battery to SWB	48	15000	313	6	95mm ²
SWB to motors	48	15000	313	6	95mm ²
Gen Set to PT SWB	48	15000	313	6	95mm ²
Gen charge to STB SWB	48	8000	167	14	95mm ²
STB SWB to Inverter	48	5000	104	6	35mm ²
PT SWB to DC Converter	48	2600	54	10	35mm ²
Solar to Charge SWB	48	1800	37.5	10	16mm ²

Cable size depends on Kw of system – say **16mm² x 2**

Charge/battery balance cable 8 Kw Cable 7m = **95mm² x 2**

- Galley 240V loads:
- Induction stove
 - Oven