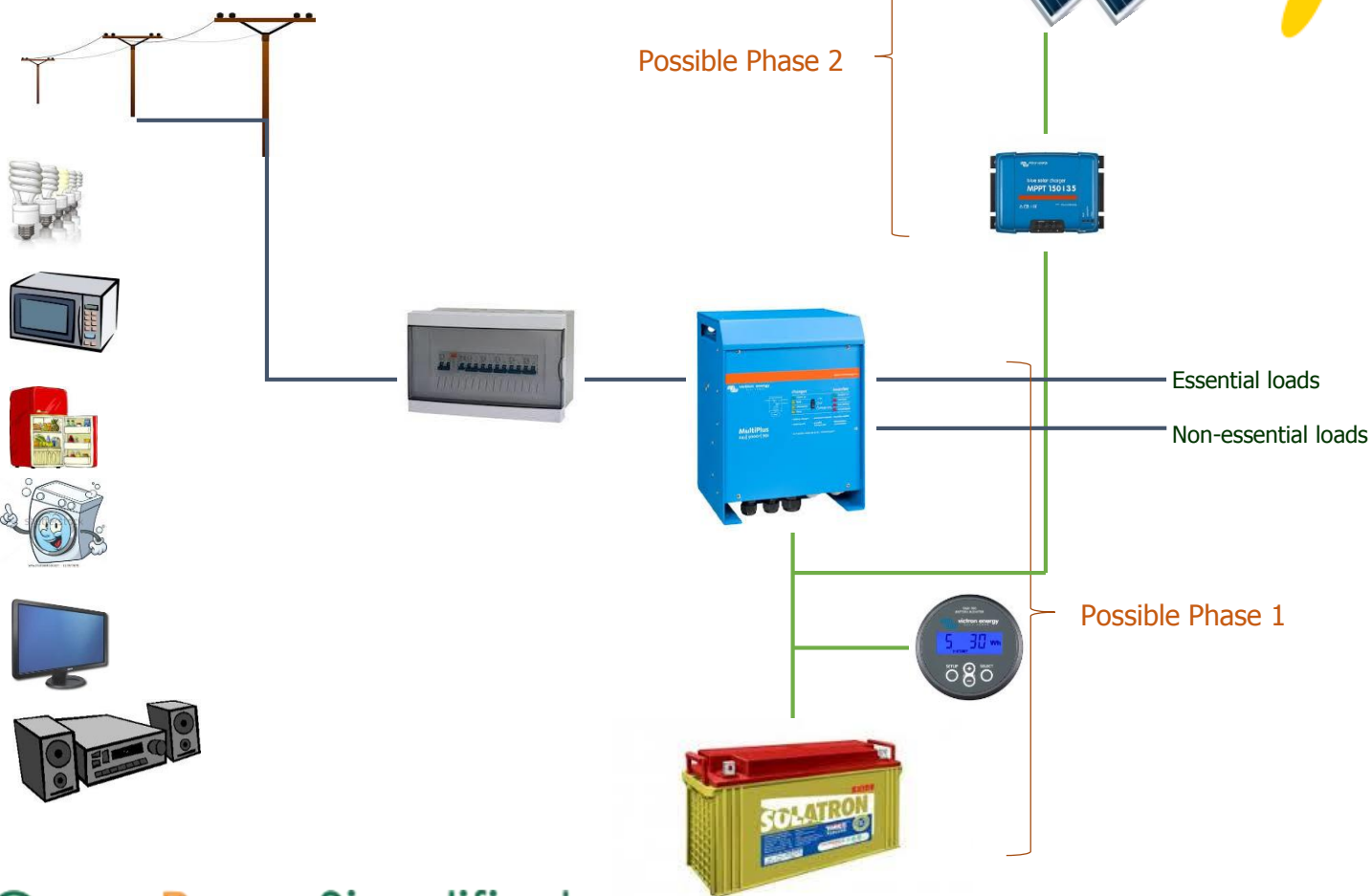


KW Inverter  
Wh/day  
Days of autonomy

**4.5/18 000/2**



**Power supply 18000Wh per day.**

Irradiation factor 5.5kWh/m<sup>2</sup>/day

**Phase 1.**

- Provision for load shedding and grid failures using the Victron backup system.
- System is ready for 4,5kW PV solar system.
- 5kVA battery inverter for essential loads with 800Ah battery backup 19,2kWh at 50% DOD.
- Battery cycle life of 2200 cycles at 50% DOD.
- Monitoring using Victron BMV. Other communication devices available on request.

**Phase 2**

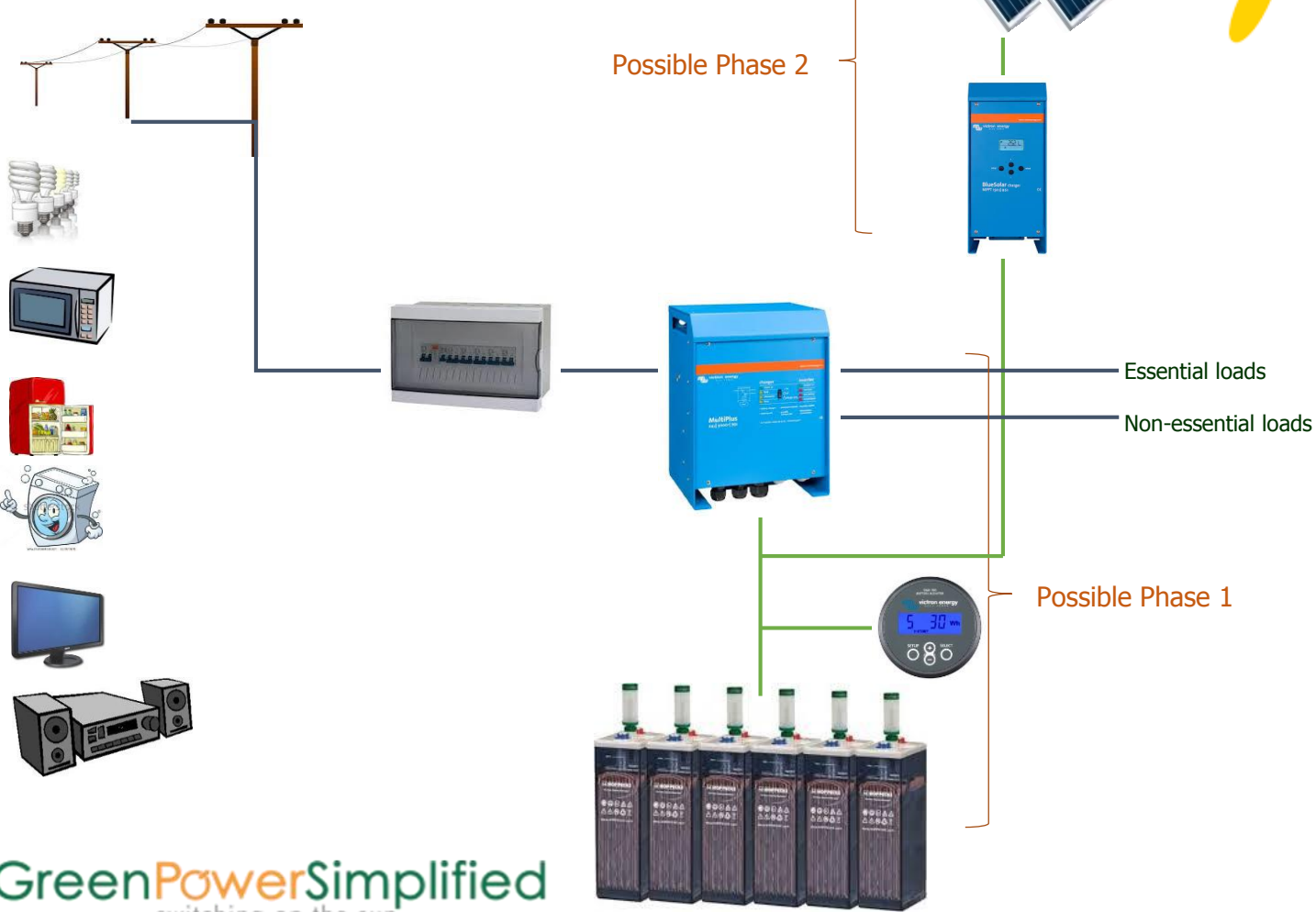
- Supplement your household loads up to 4,5kW peak PV power.
- Daily Energy 17kWh to 19kWh per day irradiation dependent.
- Reduce your energy bill by using Photo Voltaic power.
- Optional addition of Victron colour control for local system monitoring and Web / Android / iPhone viewing.

- 18x** SolarWorld SW250 PROTECT modules (30 year linear performance warranty)
- 18x** Mounting structure for roof fitting.
- 3x** Regulator Victron Blues Solar 150/35MPPT
- 1x** Inverter/charger Victron MultiPlus 48/5000/70
- 16x** Batteries Solatron200 (800Ah C10)
- 1x** Battery monitor Victron BMV 700
- 1x** Pre-wired enclosure vented.



KW Inverter  
Wh/day  
Days of autonomy

**4.5/19 000/3**



**Power supply 19000Wh per day.**

Irradiation factor 5.5kWh/m<sup>2</sup>/day

**Phase 1.**

- Provision for load shedding and grid failures using the Victron backup system.
- System is ready for 5,25kW PV solar system.
- 5kVA battery inverter for essential loads with 1140Ah battery backup 27,4kWh at 50% DOD.
- Battery cycle life of 2700 cycles at 50% DOD.
- Monitoring using Victron BMV. Other communication devices available on request.

**Phase 2**

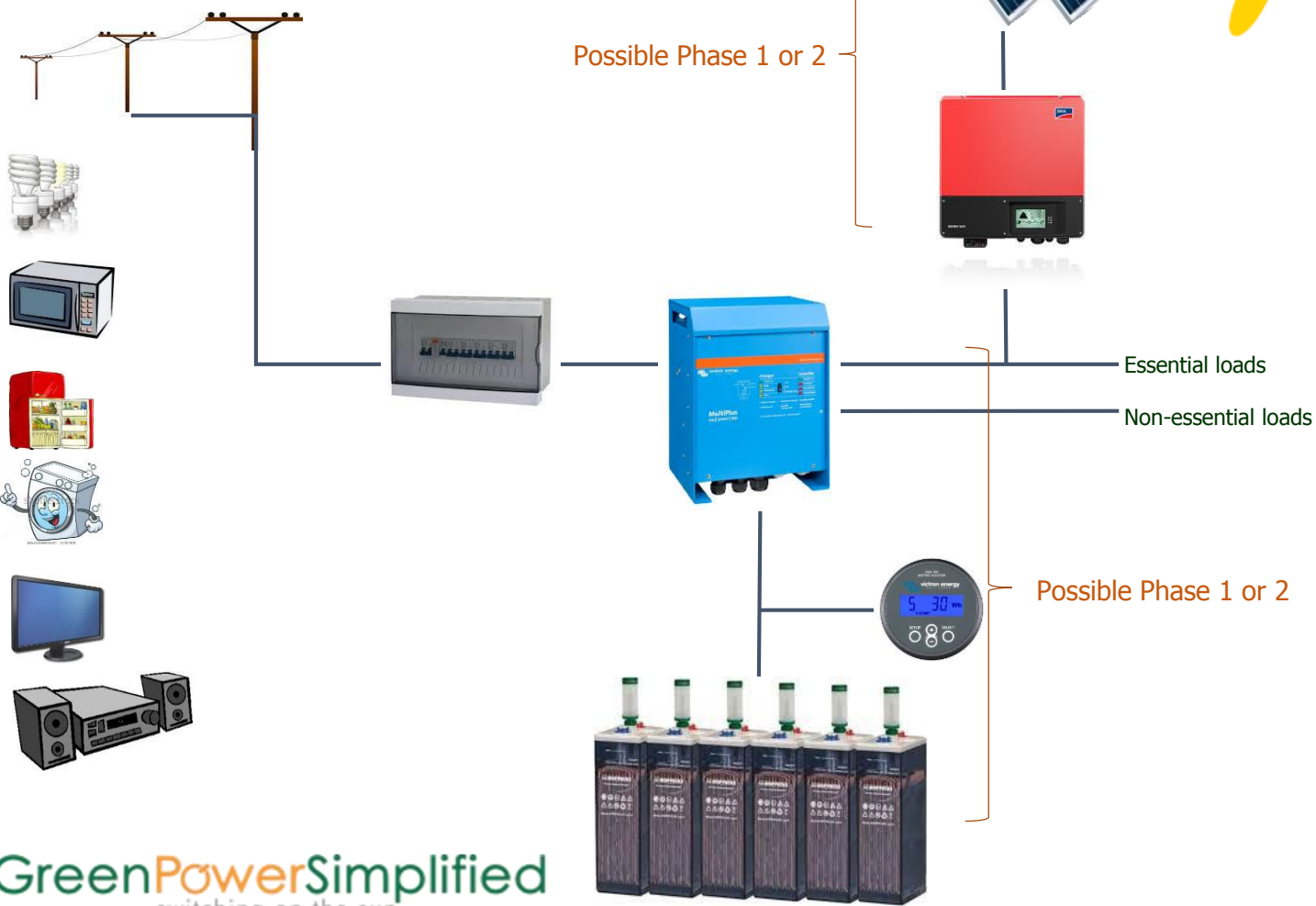
- Supplement your household loads up to 5,25kW peak PV power.
- Daily Energy 19kWh to 21kWh per day irradiation dependent.
- Reduce your energy bill by using Photo Voltaic power.
- Optional addition of Victron colour control for local system monitoring and Web / Android / iPhone viewing.

- 21x** SolarWorld SW250 PROTECT modules (30 year linear performance warranty)
- 21x** Mounting structure for roof fitting.
- 2x** Regulator Victron Blues Solar 150/70MPPT
- 1x** Inverter/charger Victron MultiPlus 48/5000/70
- 24x** Batteries Hoppecke OPzS 1520 (1140Ah C10)
- 24x** Hoppecke AquaGen
- 1x** Battery monitor Victron BMV 700
- 1x** Pre-wired enclosure vented.



KW Inverter  
Wh/day  
Days of autonomy

**5,0/19 000/3-AC**



**Power supply 19000Wh per day.**

Irradiation factor 5.5kWh/m<sup>2</sup>/day

**Phase 1. (2)**

- Provision for load shedding and grid failures using the Victron backup system.
- System is ready for 5,0kW PV solar system.
- 6kVA battery inverter for essential loads with 1140Ah battery backup 27,4kWh at 50% DOD.
- Battery cycle life of 2700 cycles at 50% DOD.
- Monitoring using Victron BMV. Other communication devices available on request.

**Phase 2. (1)**

- Supplement your household loads up to 5,0kW peak PV power.
- Daily Energy 19kWh to 21kWh per day irradiation dependent.
- Reduce your energy bill by using Photo Voltaic power.
- Optional addition of Victron colour control for local system monitoring and Web / Android / iPhone viewing.

- 20x** SolarWorld SW250 PROTECT modules (30 year linear performance warranty)
- 20x** Mounting structure for roof fitting.
- 1x** SMA Sunny Boy 5000TL grid inverter.
- 2x** Inverter/charger Victron MultiPlus 48/3000/35
- 24x** Batteries Hoppecke OPzS 1520 2V (1140Ah C10)
- 24x** Hoppecke AquaGen
- 1x** Battery monitor Victron BMV 700
- 1x** Pre-wired enclosure vented.

