

| <b>SPECIFICATION</b>   | <b>LARGE PORTABLE POWER SUPPLY (PPS)</b>   | <b>MEDIUM PPS</b>  | <b>SMALL PPS</b>   | <b>PBB (Portable Battery Booster)</b> |
|--|--|--|--|---------------------------------------|
| <b>Min/max storage capacity</b>  | 2-12 KW/H  | 1-6 KW/H   | .28 - 2.8 KW/H   | Unknown                               |
| <b>Min/max system voltage</b>  | 20-29.2 Volts  | 20-29.2 Volts  | 20-29.2 Volts  | 20-29.2 Volts                         |
| <b>Min/max current</b>   | 0 -300 amps @ 24 volts   | 0 -300 amps @ 24 volts   | 0 -300 amps @ 24 volts   | Unknown                               |
| <b>Anticipated duration at various output levels e.g. X hrs at 15% draw, X hours at 50% etc.</b> | 15% = 12 hrs<br>50% = 3 hrs<br>*This figure denotes no charge input and batteries to have 20% charge at cutout | 15% = 10 hrs<br>50% = 2 hrs<br>*This figure denotes no charge input and batteries to have 20% charge at cutout | 15% = 10 hrs<br>50% = 2 hrs<br>*This figure denotes no charge input and batteries to have 20% charge at cutout | Unknown                               |
| <b>Recharge time from full discharge</b>   | Solar: 10 hrs<br>Mains: 8 hrs<br>Vehicle: 10 hrs   | Solar: 5 hrs<br>Mains: 4 hrs<br>Vehicle: 5 hrs   | Solar: 2.5 hrs<br>Mains: 3 hrs<br>Vehicle: 2.5 hrs   | Dependent on Auxiliary Battery        |
| <b>Battery Management System</b>   | Full dynamic balancing with high/low cutout  | Full dynamic balancing with high/low cutout  | Full dynamic balancing with high/low cutout  | Nil                                   |
| <b>Battery type (including no. of cells)</b>   | 32 x Li Fe Po @ 107 A (3C)   | 16 x Li Fe Po @ 107 A (3C)   | 8 x Li Fe Po @ 107 A (3C)  | Nil                                   |
| <b>Weight/dimensions of system</b>   | 90 kg<br>1200x600x400  | 80 kg<br>600x600x400   | 25 kg<br>600x300x300   | 8KG<br>430X220X380                    |
| <b>Expected battery life</b>   | 10 years   | 10 years   | 10 years   | Unknown                               |
| <b>Temperature range</b>   | -40 to 80c   | -40 to 80c   | -40 to 80c   | Unknown                               |
| <b>Peak power draw</b>   | 9000 watts   | 1600 watts   | 1000 watts   | n/A                                   |
| <b>Battery discharge rate while in storage</b>   | Minimal (Charger to supply 2a storage charge if required)  | Minimal (Charger to supply 2a storage charge if required)  | Minimal (Charger to supply 2a storage charge if required)  | Unknown                               |
| <b>Inverter specs</b>  | 3000 watts @24v  | 800 watts@24V  | 500 watts@24v  | N/a                                   |
| <b>Charger specs</b>   | 29.2 v<br>2 – 25 amps  | 29.2 v<br>2 – 25 amps  | 29.2 v<br>2 – 25 amps  | N/a                                   |
| <b>Dc/DC charger</b>   | 29.2 @ 30 amp  | 29.2 @30a  | Nil  | N/a                                   |
| <b>Solar Panel</b>   | 29.2V @30a max   | 29.2V @30a max   | 29.2V @30a max   | 29.2V @30a max                        |
| <b>Wind Turbine</b>  | 29.2V @30a max   | 29.2V @30a max   | Nil  | Nil                                   |