

SHIELD

| | Model | PUL-SHIELD-2.6K | PUL-SHIELD-5K |
|------------------------------|--|---|---------------|
| Battery interface parameters | Nominal Voltage | 25.6V | 51.2V |
| | Capacity | 105Ah | 105Ah |
| | Backup hrs | Based on Load | |
| | Operating Voltage | 42 - 58V | |
| | Rated Energy | 2.6kWh | 5kWh |
| | Usable Energy | 2.4kWh | 9.5kWh |
| | Power Module | Inbuilt | |
| | Continuous current | 100A | 200A |
| | Peak current | 150A | 300A |
| | Monitoring Parameter | Display, Bluetooth | |
| Over Discharge Protection | Battery type | LiFePO4 | |
| | Installation | Wall mount | |
| | Over discharge detection voltage | 3.0±0.1V | |
| Over Current Protection | Over discharge detection delay voltage | 1 Sec | |
| | Over discharge release voltage | 2.8 ± 0.1V | |
| | Over current detection | 100 ±30A(per module) | |
| Short protection | Over current detection delay time | 5mS | |
| | Over current protection condition | Off Load | |
| | Short circuit protection condition | Short circuit of external load | |
| Environment | Short circuit detect delay | 10 - 250 µS | |
| | Short circuit protection release | Off Load | |
| | Working temperature | -20°C ~ 55°C (>45°C derating) | |
| Noise | Storage temperature | -40°C ~ 70°C | |
| | Relative humidity | 0%RH ~ 95%RH, No condensation | |
| | Working Altitude | 2000m; 2000m ~ 4000m Derating | |
| | Noise | < 75dB | |
| Dimensions | Communication | CAN/RS485/UART | |
| | Isolation | No | |
| | Cooling | Air cooling, intelligent fan regulation | |
| | Maximum efficiency | 98.5% | |
| | Dimension L*B*H | 600*150*700mm | 600*150*900mm |
| Weight | | ~50kg | ~90kg |

*Dimensions and weight differ depends upon voltage & capacity
 *specification included in this datasheet are subjected to change without notice
 *Capacity depends upon customer required backup hours