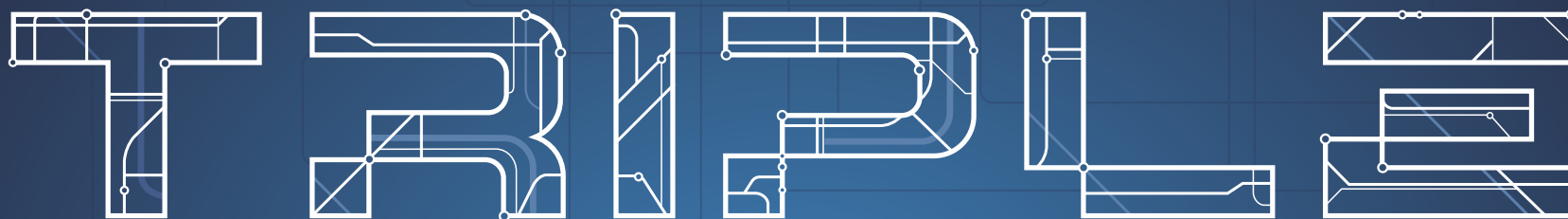


- 90% DOD
- 99% Faradic charge efficiency
- Cycle life > 6000 times

- IP55 protection level
- Safety & Reliability
- Small occupied area

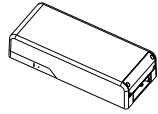
- Floor or wall mounting
- Safety protection by both software and hardware



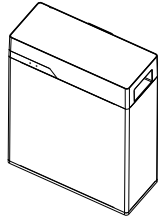
POWER



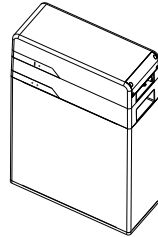
TRIPLE POWER



Master Box
MC0500
461*189*105mm



Battery Module
T45(HV10040)/T63(HV10056)
464*193*588mm



**Master Box +
battery module(s)**
464*193*693mm

T-BAT SYS-HV Configuration List

| System | Master Box | Battery Module | Voltage (V) |
|---------|------------|----------------|-------------|
| 4.5kWh | 1 | T45*1 | 85-118 |
| 9.0kWh | 1 | T45*2 | 170-236 |
| 13.5kWh | 1 | T45*3 | 255-354 |
| 18.0kWh | 1 | T45*4 | 340-472 |
| 6.3kWh | 1 | T63*1 | 85-118 |
| 12.6kWh | 1 | T63*2 | 170-236 |
| 18.9kWh | 1 | T63*3 | 255-354 |
| 25.2kWh | 1 | T63*4 | 340-472 |

**The Triple power contains Master BMS Box. Up to 4 batteries can be connected for a total of 26kWh. Differently sized battery modules are not compatible.*

| | MASTER BOX | T45 | T63 |
|---|--|--|-------------|
| Nominal Voltage(Vdc) | / | 100.8 | 100.8 |
| Operating Voltage(Vdc): | 70-500 | 85-118 | 85-118 |
| Nominal Capacity(kWh): | / | 4.5 | 6.3 |
| Max. charge/discharge Current(A) : | 30 | 30 | 30 |
| Recommend Charge/Discharge Current (A): | 25 | 25 | 25 |
| Standard Power(kW) | / | 2.5 | 2.5 |
| Maximum Power(kW) | / | 3 | 3 |
| Dimension (mm) | 461*189*105 | 464*193*588 | 464*193*588 |
| Weight (kg) | 5.7 | 56.6 | 67.5 |
| Faradic Charge Efficiency(25°C/77°F) (%) | | 99 | |
| Battery Roundtrip Efficiency(C/3,25°C/77°F) (%) | | 95 | |
| Cycle life(100% DOD,25°C/77°F) | | 6000 | |
| Available Operating Temperature (°C) | | -10--45 | |
| Optimal Operating Temperature (°C) | | 15--30 | |
| Ingress Protection | | IP55 | |
| Scalability | | Up to 4 modules(HV10040/10056) | |
| Warranty(year) | | 10 (5 years in UK) | |
| | T-BAT system safety | CE, FCC, RCM, TUV (IEC 62619), UL 1973 | |
| | Battery cell safety | UL 1642 | |
| Certifications | UN number | UN 3480 | |
| | Hazardous materials classication | Class 9 | |
| | UN transportation testing requirements | UN 38.3 | |