

IP65 battery



Light weight



Ecological



Made in France



3D modular

Electrical parameters	
Configuration	7S to 80S
Cell	ME18650SG_5001
Nominal voltage	25.9 V to 296 V
Nominal capacity	28 Ah to 280 Ah
Available energy	6 296 Wh to 8 288 Wh
Protection	BMS TYVA PRO TYVA PDU 3.0
Charging method	Constant current / Constant voltage
End charging voltage	29.4 V to 336 V
Maximum charging current	100 A*
Maximum continuous discharge current	250 A*
Pulse discharge current	400 A*
Overcurrent detection	500 A*
Lifetime (following temperature, DOD, discharge and charging current)	700 to 5 000 cycles
Mechanical parameters	
Maximum length with connectors (L)	486 mm
Maximum width	482 mm
Maximum height	183 mm
Maximum weight	40 kg
Casing	IP65 aluminium box (IP67 on request)
Output type	IP67 connectors with harness kit
Operating conditions	
Discharge temperature range	- 20°C to + 60°C
Charging temperature range	0°C to 45°C
Storage	1 year at 15°C to 25°C
Humidity	65 ± 20 % RH
Battery certifications	
UN38.3 test	In progress
IEC62133 test	In progress

* Following application and battery configuration

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TYVA BMS APP
Compatible with Android devices

