

TLF-120812
153.6Wh
Battery PACK



- ✓ Longer Usage Life
- ✓ High Power Capacity
- ✓ High Energy Density
- ✓ Environment Friendly
- ✓ Light Weight

Pack Specification

Model: TLF-120812

Item	Specification	Remarks	
Electrical			
Module Configuration	4S 2P	-	
Installed Energy	153.6 Wh	-	
Usable Energy	138.2 Wh	@ 1P discharge	
Nominal Voltage	12.8 VDC	-	
Operating Voltage Range	11 ~ 14.6 VDC	-	
Max. Charge Current	6 A	@ 0.5C	
Rated Charge Current	2.5 A	@ 0.2C	
Max. Discharge Current	30A	-	
Rated Discharge Power	153.6 W	-	
Rated Discharge Current	12A	-	
Mechanical			
Dimension	150 (L) x 85 (B) x 90 (H) mm	±5 mm	
Housing Material	MS Casing		
Weight	1.5 Kg	±5%	
IP Grade	NA	-	
Cell	32650-3.2V-6000mAh	-	
Charge /Discharge Terminal	Customizable	-	
Environment			
Operating Temperature	Charging	0 ~ 45°C	-
	Discharging	20 ~ 55°C	
Storage Humidity	<60±25% RH	Non-condensing	
Storage Temperature	1 Year	-20 ~ 25°C	SOC 50±5%
	6 Months	25 ~ 35°C	
	3 Months	35 ~ 45°C	
	<1 Week	45 ~ 60°C	
Expected Cycle & Calendar Life**			
Cycle Life @ DoD 90%	≥2,000 cycles	@ 25±3°C, 0.2C/1C	

****Depending on the load profile, the warranty condition may differ****

We reserve the right to change the content of specification without prior notice.