



AY-L3S4P-18650

Item	Specification	Remark
Nominal capacity	10.4Ah	Samsung 18650 3.7V 2600mAh
Nominal voltage	11.6V	3.7V/1Cell
Charging voltage	12.6V±0.05V	4.2V/1Cell
Charging method	CC/CV	(Constant-current and-Voltage with Limited current
Standard charging time	2000mA/7hour、3000mA/4.5hour	Battery capacity÷charging current×1.5
Charging current	5.200mA(0.5C)	0~+40℃
Maximum charging current	10400mA(1C)	0~+40℃
Continuous discharge current	40A(3C)	-20~+60℃
Discharge cutoff voltage	2.5V	2.5V/1Cell
Short circuit protection	Exterior short circuit	Automatic recovery
Internal resistance	≤200mΩ	AC Impedance 1kHz
Cycle life	≥500	
Operating temperature	Standard Charge 0~+40℃	
	Standard Discharge -20~+60℃	
Outline dimension	L74*W72*H57mm	Length x wide x height
Pre-wired		Red=Positive,Black=Negative
Protection Circuit Module: PCM-L04S10-178		
Maximal continuous charging current	10A	
Maximal continuous Discharging current	10A	
Over-charge detection voltage	4.25V±0.025V	Single cell
Over-charge release voltage	4.15V±0.05V	Single cell
Over-charge detection delay time	0.5S-1.5S	Single cell
Over-discharge detection voltage	2.50V±0.08V	Single cell
Over-discharge detection voltage	3.0±0.10V	Single cell
Over-discharge detection delaytime	50-150mS	Single cell

Over-discharge detection delaytime	50-150mS	Single cell
Over-current detection	30±3A	can adjust
Over-current delay time	5-15mS	