

3S 60A 12.6V

Scope of application: Suitable for lithium batteries with nominal voltage of 3.7V and full voltage of 4.2V (including 18650, 26650, polymer lithium batteries, without limitation of shape and size)

Product Size: 41*55*3.4mm (Enhanced Version) 41*62*3.4mm (Balanced Version)

Product quality: 8.8g (enhanced version) 9.8g (balanced version)

Charging Voltage: 12.6V~13.6V

Continuous discharge current (upper limit): 60A (if the heat dissipation environment is not good, please reduce the use of load current)

Continuous charging current (upper limit): 10A

Enhanced version: suitable for electric drills with starting current below 120A and power below 260W

Balanced version: suitable for electric drills with starting current below 120A and power below 260W, with balanced charging function

Project	Minimum	Typical	Maximum	Unit	Remarks
Self consuming current	12	18	24	uA	
Overcharge protection voltage	4.2	4.25	4.3	V	
Equilibrium start-up voltage	4.18	4.2	4.23	V	Balanced version
Balanced current	95	100	105	mA	
Equilibrium heating power	1.17	1.29	1.43	W	
Overcharge recovery voltage	4.1	4.15	4.2	V	
Over-discharge protection voltage	2.4	2.5	2.6	V	
Back-up Voltage after Over-discharge Protection	2.8	3	3.2	V	1C discharge
Back-up Voltage after Over-discharge Protection	3.2	3.5	3.8	V	2C discharge
Over-discharge recovery voltage	2.9	3.2	3.3	V	
Conductive internal resistance	2	2.5	3	mΩ	
Overcurrent protection current	70	80	90	A	
Overcurrent delay time	100	150	200	ms	
Continuous working current	0	60	60	A	Resistive load
Continuous output power	0	756	756	W	Resistive load
Ambient temperature	-40	25	85	°C	

