



# BP1320

13S 48V 20A PCB PCM Li-ion Lithium Cell Battery BMS Protection Board + Cabel



- 13S 48V 20A Li-ion Battery Protection Board
- Instantaneous Diacharge Current: 100A
- Charging Voltage: 54.6V
- Charging Current: 20A(Max.)
- Over-charge Detect:  $4.28\pm 0.05V$
- Protect Delay: 100ms
- Over-charge Release:  $4.08\pm 0.05V$
- Over-discharge:  $2.55\pm 0.08V$
- Release Voltage:  $2.9\pm 0.1V$
- Detect Voltage: 150mV
- Current Detect:  $120\pm 5A$
- Resistance:  $\leq 15m\Omega$
- Working Current:  $\leq 50\mu A$
- Sleep Current(when Over-discharge):  $\leq 10\mu A$
- Working Temperature:  $-30\sim 80?$
- Over charge protection, over discharge protection function, short circuit protection function, over current protection function,no with band balance.