

Model: Power-Xtra - 10S - 37.0V 30A Li-ion BMS - Separate Port with Balance

Stock Code: 900.600.501.229

TECHICAL INFORMATIONS

Item No	Specs / Details		Criteria / Parameters
1	Model	10S - 37.0V 30A Li-ion BMS	10S-30A working current
2	Voltage	Charging voltage	42.0V
3	Current	Maximal continuous charging current	5A
		Maximal continuous discharging current	30A
		Current consumption	$\leq 30\mu\text{A}$
4	Overcharge Protection	Over charge detection voltage	$4.25\text{V} \pm 0.10\text{V}$
		Over charge detection delay time	1S
		Over charge release voltage	$4.15 \pm 0.05\text{V}$
5	Over Discharge Protection	Over discharge protection voltage	$2.8\text{V} \pm 0.10\text{V}$
		Over discharge detection delay time	1S
		Over discharge protection release voltage	$3.00 \pm 0.010\text{V}$
6	Over Current Protection	Over current protection	$100 \pm 20\text{A}$
		Detection delay time	500mS
7	Short Circuit Protection	Protection delay time	300uS
		Recovery	Disconnect the load or disconnect the weak current switch, automatic recovery
8	Balance	Balance voltage for single cell	$4.18 \pm 0.02\text{V}$
		Balance current for single cell	$30 \pm 5\text{mA}$
9	Resistance	Inner resistance	$\leq 15\text{m}\Omega$
10	Temperature	Operating temperature range	$-20 \sim +65^{\circ}\text{C}$
		Storage temperature range	$20 \sim +30^{\circ}\text{C}$
11	Dimension	Length	60 mm
		Width	40 mm
		Thickness	10 mm

Model: Power-Xtra - 10S - 37.0V 30A Li-ion BMS - Separate Port with Balance

Stock Code: 900.600.501.229

IMAGE / TECHNICAL DRAWING

