

POWER-XTRA

| Model: Power-Xtra Li-ion/Li-Po PCM 37.0V (10 Cell) 80 A_ PCX-24S60A-035C(10S) Stock Code : 900.600.501.154 | | | |
|--|---------------------------|--|------------------------|
| No. | Test Item | | Criterion |
| 1 | Voltage | Charging voltage | DC: 42 V CC/CV |
| | | Balance voltage for single cell | 4.20±0.025V |
| 2 | Current | Balance current for single cell | 84±10mA |
| | | Current consumption | ≤20μA |
| | | Maximal continuous charging current | 20A |
| | | Maximal continuous Discharging current | 80A |
| 3 | Over charge Protection | Over charge detection voltage for single cell | 4.25±0.025V |
| | | Over charge detection delay time | 0.5S—1.5S |
| | | Over charge release voltage for single cell | 4.05±0.05V |
| 4 | Over discharge protection | Over discharge detection voltage for single cell | 2.80±0.062V |
| | | Over discharge detection delay time | 10mS—150mS |
| | | Over discharge release voltage for single cell | 3.00±0.062V |
| 5 | Over current protection | Over current detection voltage | 0.15±0.025V |
| | | Over current detection current | 230±30A |
| | | Detection delay time | 5ms—15ms |
| 6 | Short protection | Release condition | Cut load |
| | | Detection condition | Exterior short circuit |
| | | Detection delay time | 200-500us |
| 7 | Resistance | Protection circuitry (MOSFET) | ≤20mΩ |
| 8 | Temperature | Operating Temperature Range | -40 ~ +85°C |
| | | Storage Temperature Range | -40 ~ +125°C |
| | | Temperature protection | 75°C |

B+=C+=P+=Charger+/Load+

P-=Load-, C-=Charger- Size: L120*W80*T25mm

