

## Rechargeable Lithium-ion Battery Pack D92040

Standard Li-ion battery pack D92040, 3 x 18650 cells (3S1P) with 11.25V / 2950mAh / 33.2Wh



### Features:

- Highest available energy density
- SMBus & SBDS Rev 1.1 compliant
- Fulfills JEITA standards, advanced temperature dependent charging profile (Fastest charging / Maximized cycle life)
- Registered with recycling systems
- Impedance tracking and cell balancing (No manual recalibration necessary, longest lifetime)
- Comprehensive charging/discharging and passive safety systems
- Worldwide approvals

### Applications:

Suitable for use with tablet PC's, notebooks, industrial and medical devices, etc.



| General                          |   |
|----------------------------------|---|
| Basic Cell                       | ICR 18650-30  |
| Delivery status battery capacity | 50% - 70%   |
| Label                            | Standard or Customized  |
| Compliance information           | CE / UL2054 / UL1642 / FCC IEC 62133 / EN60950 / ROHS UN 38.3 |
| Operating temperature            | 0°C to 45°C (charge)<br>-20°C to 55°C (discharge)             |
| Storage temperature              | -20°C to 50°C max.<br>-20°C to 25°C recommended               |
| Charger                          | Single and multi-position docking stations available          |
| Length                           | 85mm  |
| Width                            | 59mm  |
| Thickness                        | 22mm  |
| Weight                           | 170g  |
| Contacts                         | +, C, D, T -  |

| Electrical Parameters                            |   |
|--|---|
| Nominal Voltage                                  | 11.25V  |
| Nominal Capacity                                 | 2950mAh                                       |
| Internal Impedance                               | 250mΩ @ 1kHz at 20°C                          |
| Maximum charge current                           | 2065mA  |
| Maximum charge voltage                           | 13.05V  |
| Continuous discharge                             | 3000mA  |
| Peak discharge                                   | 10000mA                                       |
| Life expectancy @25°C 1.5A Charge/1.5A discharge | >300 cycles with min. 80% of initial capacity |

| Safety Parameters PCM           |               |
|---------------------------------|---------------|
| Overcharge detection voltage    | 4420mV / cell |
| Overcharge release voltage      | 4200mV / cell |
| Overdischarge detection voltage | 2600mV / cell |
| Overdischarge release voltage   | 3000mV / cell |
| Overcharge detection current    | 2300mA        |
| Overdischarge detection current | 3500mA        |

Prior to use read handling precaution and prohibitions for Li-ion batteries

