

# Key Facts

INR 18 650 42 E

**Powerful for you.**  
**Fast for everyone.**



E-Mobility



Industrial



Medical



Power- and  
Gardentools



Drive  
System



Energy Storage  
Systems

# INR 18 650 42E

## Cylindrical Lithium Ion Cell

### Technical details

Model	INR_18650_42E
Nominal Capacity	4050 mAh
Min. Capacity	3850 mAh
Max. Discharge Current	8.1 A
Nominal Voltage	3.6 V
Weight of Bare Cell	50 g
Internal Impedance	≤ 25 mΩ
Operating Environmental Temperature Discharge	-20°C up to +60°C
Operating Environmental Temperature Charge	0°C up to +45°C

### A full load of advantages

Customized cells tailored to your individual requirements with the best choice in Li-Ion technology for the coming development.



One-Stop Shop



Customized



High Quality



More Power



High Energy

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**Power** – the result of a better battery