

## PEES Power Systems

# 21700 battery cell ranking



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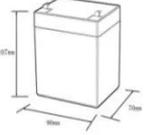
### 21700 Batteries , High-Performance Lithium-Ion Cells

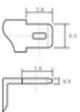
Capacity: Ranges from 3000mAh to 5000mAh, depending on the chemistry and application. Discharge Rate (CDR): High-drain cells available with 30A, 40A, or even higher CDR ratings for demanding ...

### 21700 Battery Guide: Specs, Capacity, Lifespan & Best Uses

Discover the guide to 21700 battery - specs, capacity, voltage, cycle life, applications, and 21700 vs 18650 comparisons. Ideal for tools, energy storage, and industrial devices.







12.8V6AH

- Nominal voltage (V):12.8
- Nominal capacity (ah):6
- Rated energy (WH):76.8
- Maximum charging voltage (V):14.6
- Maximum charging current (a):6
- Floating charge voltage (V):13.6~13.8
- Maximum continuous discharge current (a):10
- Maximum peak discharge current @10 seconds (a):20
- Maximum load power (W):100
- Discharge cut-off voltage (V):10.8
- Charging temperature (°C):0~+50
- Discharge temperature (°C):-20~+60
- Working humidity: <95% R.H (non condensing)
- Number of cycles (25 °C, 0.5C, 100%doD): >2000
- Cell combination mode: 32700-4s1p
- Terminal specification: T2 (6.3mm)
- Protection grade: IP65
- Overall dimension (mm):50\*70\*107mm
- Reference weight (kg):0.7
- Certification: un38.3/msds

### 21700 Cylindrical cells - Comparison of economical vs premium models

The key takeaway is that compared to 18650 cells, larger cells such as 21700 have a higher energy density, higher cycle life, lower costs and increased system reliability because of fewer ...

## The Ultimate Guide to 21700 Batteries: Specs, Comparison & Top ...

Complete guide to 21700 lithium-ion batteries. Learn specifications vs 18650, applications in EVs & tools, and reviews of Samsung, LG, Panasonic & Tesla cells.



## 21700 Batteries Comparison Applications and Buying Tips

Compared to traditional 18650 cells, 21700 battery cells offer higher capacity and improved energy efficiency. When comparing 21700 vs 18650, there are several important factors to ...

## 2026's 5 Leading 21700 Battery Suppliers & Factories

Choose the best 21700 battery suppliers in 2026 by exploring the top manufacturers and their key features to make the right decision.



## Best 21700 Rechargeable Batteries: Maximizing Your Device's Potential

For consumers seeking optimal performance and longevity in their high-

drain electronics, identifying the best 21700 rechargeable batteries will increasingly become a priority, underscoring ...



## Best 21700 Battery

A 21700 battery is a lithium-ion cell measuring 21mm in diameter and 70.0mm in length (hence the name). Compared to the older 18650 standard (18x65mm), it offers 30-50% more ...



## The Ultimate Guide To 21700 Li-ion Battery - Pkcell Battery

21700 li-ion batteries are rechargeable batteries that hold a lot of power. They are known for being energy efficient and lasting a long time. You can find them in devices like flashlights, ...

## Best 21700 Batteries [Updated On: February 2026]

Choosing the right 21700 battery involves understanding the specific needs of your device or application. Each

model offers unique attributes that cater to different performance ...



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