
PKCELL ER14250 ER14505 ER26500 3.6V LI-SOCL2 Battery Packs Supplier

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This ER battery power supply, which is crucial for applications where voltage stability is critical, such as medical devices, precision instruments, and wireless communication systems. The high voltage stability of Li-SoCl₂ cells allows for predictable and accurate operation, improves energy utilization, and minimizes the risk of performance issues caused by voltage fluctuations.

Battery Pack Different Wires Selections



Huge Applications

- Medical Devices: pumps, pacemakers, defibrillators, and remote patient monitoring systems.
- Security and Tracking Systems: GPS trackers, asset tracking devices, home security systems, and surveillance cameras.
- Oil and Gas: Monitoring equipment, remote sensing devices and wireless data transmission systems.
- Industrial Equipment: IoT, Wireless sensors, remote monitoring systems, and data loggers used in manufacturing, logistics, and automation.
- Aerospace and Defence: Avionics, sensors, communication systems, and emergency backup systems.
- Utility Metering: Gas, water, and electricity meters, flow monitors & dataloggers.
- Emergency and Safety Equipment: Portable gas detectors, and emergency backup systems.

These are just a few examples of the industries and applications where Li-SoCl₂ batteries are widely used. Their unique characteristics make them a preferred choice in scenarios where long-term power supply, durability, and high performance are essential.

Advantages

1. High energy density (620Wh/kg); Which is the highest among all lithium batteries.
2. High open circuit voltage (3.66V for single cell), high operating voltage with load, normally ranging from 3.3V to 3.6V).
3. Wide range of operating temperature (-55°C~+ 85°C).
4. Stable voltage and current, over 90% of the cell capacity is discharged at high plateau voltage.
5. Long operating time (over 8 years) for continuous low current discharge with medium current pulses.
6. Low self-discharge rate (less than 1% per year) and long storage life (over 10 years under normal room temperature).

Product

link :

<https://www.pkcellpower.com/pkcell-lisocl2-er14250-er14505-er26500-non-rechargeable-lithium-battery-packs-product/>