



## TB 6PzS 195

**Description**

Landport's Tubular batteries, featuring liquid electrolytes and positive tubular plates, are built for high-performance deep-cycle applications withstanding up to 80% deep discharges. Enhanced with antimony alloys for optimized current flow and low internal resistance, these batteries deliver both efficiency and durability.

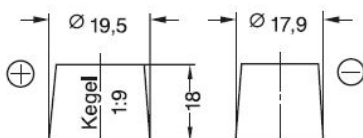
With exceptional cyclic stability, the Tubular batteries are ideal for industrial equipment like aerial platforms, scissor lifts, forklifts, and marine and recreational vehicles. They're also widely used in electric stackers, cleaning machines, pallet trucks, wheelchairs, solar systems, caravans, boats, and more.

**Performance**

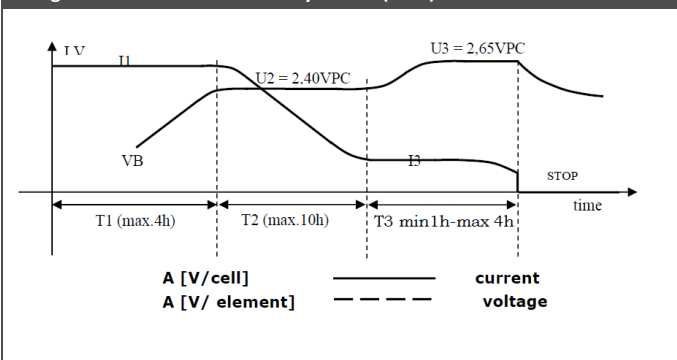
|                     |                          |
|---------------------|--------------------------|
| Nominal voltage     | 6                        |
| Capacity            | 250Ah (20hr, 1.75V/cell) |
|                     | 195Ah (5hr, 1.75V/cell)  |
| Internal resistance | 2.8 mΩ                   |

**Specifications**

|                       |                      |
|-----------------------|----------------------|
| Dimensions            | Length: 245 mm       |
|                       | Width: 190 mm        |
|                       | Height: 285 mm       |
|                       | Total Height: 285 mm |
| Net weight            | 30 Kg                |
| Terminal              | 1                    |
| Layout                | 2                    |
| Operating temperature | -30°C / 45°C         |
| Storage temperature   | 18°C / 25°C          |
| Casing                | Polypropylene        |

**Layout****Terminal****Charging specifications**

|                            |                                                      |
|----------------------------|------------------------------------------------------|
| Suggested charging profile | IU Ia                                                |
| Suggested charging current | 37 A                                                 |
| Suggested charging voltage | Floating use 6.72 V / Cycle use 7.2 / 7.95 V (@20°C) |

**Charge Characteristic Curve For Cycle Use (IU Ia)**

(Note) All above information shall be changed without prior notice, Landport Batteries reserves the right to explain and update the latest information.

**Advantages**

- **Extended Lifespan:** Tubular plates for longer life than flat-type alternatives.
- **Excellent Cyclic Performance:** Ideal for intensive deep-cycle use.
- **High Discharge Capability:** Supports high discharge currents with fast recovery.
- **Vibration Resistant:** Durable under challenging conditions.
- **Reliable & Cost-Effective:** Economical with dependable productivity.
- **Long Cycle Life:** Up to 1,200 cycles (IEC / EN 60254-1 standards).