

Battery Trontek Powercube 2



Battery Trontek Powercube 2.7+ (25.6V / 105Ah)	
Field	Details
Brand	Trontek
Product Name	Powercube 2.7+
Battery Capacity	2.7 kWh
Voltage	25.6V
Capacity (Ah)	105Ah
Battery Chemistry	Lithium Iron Phosphate (LiFePO ₄)
Application	Residential Energy Storage, Solar Backup, Hybrid Solar Systems, Inverter Backup
Battery Type	Lithium-Ion Battery
Monitoring	LED Status Display (Premium Plus Model)
Charging Compatibility	Solar & Grid Charging
Technical Specifications	
Field	Details
Nominal Energy	2.7 kWh
Nominal Voltage	25.6V
Nominal Capacity	105Ah
Battery Chemistry	LiFePO ₄ (Lithium Iron Phosphate)
Cycle Life	4000+ Cycles
Round Trip Efficiency	>90%
Battery Management System (BMS)	Advanced Intelligent BMS
Protection Features	Over Charge, Over Discharge, Over Current, Short Circuit & Thermal Protection

Monitoring	Real-Time SOC, SOH, Voltage & Temperature Monitoring
Solar Compatible	Yes
Hybrid Inverter Compatible	Yes

Note: Voc, Isc, Module Efficiency, Cell Type aur Number of Cells solar panels ke parameters hote hain, battery ke nahi. Isliye battery ke liye ye fields applicable nahi hain.

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Mechanical Specifications	
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Field	Details
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Dimensions (L x W x H)	25.4 x 16.3 x 26.2 cm
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Weight	11.5 kg
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Color	White
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Design	Compact, Sealed & Maintenance Free
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Installation	Indoor Use
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Warranty	
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Field	Details
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Product Warranty	1 Year Manufacturer Warranty*
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Performance Warranty	4000+ Charge Cycles Designed Life
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Warranty Coverage	Manufacturing Defects Only
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Warranty may vary by distributor and region. Verify with Trontek before publishing.

Key Features	
Advanced LiFePO ₄ Battery Technology	
4000+ Long Life Cycles	
Compatible with Solar & Hybrid Inverters	
Intelligent BMS Protection	
Fast Charging Capability	
Compact & Lightweight Design	
Maintenance-Free Operation	
More Than 90% Energy Efficiency	
Real-Time Battery Monitoring	
Reliable Backup for Homes & Small Businesses	
Short Description	
<p>Trontek Powercube 2.7+ (25.6V/105Ah) is a premium LiFePO₄ lithium battery designed for residential solar and backup power applications. With 2.7kWh energy storage, 4000+ life cycles, advanced BMS protection, and compatibility with solar as well as hybrid inverter systems, it delivers reliable, efficient, and long-lasting energy storage for homes and small businesses.</p>	