



 <b>More Usable Energy</b> 90% depth of discharge	 <b>High Energy</b> Single cell with 100Ah
 <b>Flexible Installation</b> Wall mounted or floor stand	 <b>Indicator light display</b> Touchscreen-control. Real-time battery status display
 <b>Perfect Compatibility</b> Compatible with mainstream inverter brand	 <b>High Expansibility</b> Max 15 batteries in parallel. Scalable from 5.12kWh to 76.8kWh



<b>Model</b>	<b>HDTH-512100-G3</b>
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Performance	
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Nominal Voltage	51.2 Vdc
Nominal Capacity	100 Ah
Battery Energy	5120 Wh
Charge Current	50 A
Charge Power	2560 W
Discharge Current	100 A
Discharge Power	5120 W
Short Circuit Current	350 A

Communication	
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Display	Color Touchscreen
Communication	RS232, RS485, CAN

General Specification	
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Dimension (WxDxH mm)	440x138x600 mm
Weight (Kg)	47.3 kg
Installation	Floor Stand or Wall Mount
Working Temperature	-20°C~55°C
Operating/Storage Humidity	≤95%RH
Max Operating Altitude	≤2000m
IP Rating	IP20
Cell Technology	LiFePO <sub>4</sub> , Lithium Iron Phosphate
Cycle life	6000 Cycles @ 90% DOD/25°C/0.5C
Scalability	Max 15 batteries in parallel
Warranty	5 years

Standard Compliance (More Available Upon Request)	
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Certificates	CE, UN38.3
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Ordering and Deliverable Part	
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Product ordering part	512100 Battery (Cable /Wall Mount Included)
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