

Helios 10

10.3kWh Modular Type Battery Pack Specification

Helios 10

Electrial Characteristics

Total Energy Capacity	10.3 kWh
Usable Energy Capacity	10 kWh
Battery Capacity	202Ah
Voltage Range	44.8 to 58.4 V DC
Nominal Voltage	51.2 V DC
Charge/Discharge Current	100 A
Max. Charge/Discharge Power ³⁾	5 kW
Battery Pack Round-Trip Efficiency	>95% (under specific condition)
Communication Interface	CAN 2.0B、RS232、RS485
DC Disconnect	Circuit Breaker, Contactor, Fuse

Operating Condition

Installation Location	Indoor / Outdoor (Wall-mounted / Floor Standing)
Operating Temperature	-10 to 50° C
Operating Temperature (Recommended)	15 to 30° C
Storage Temperature	-30 to 60° C : acceptable for 7 days in total -20 to 45° C : acceptable for the first 6 months -20 to 30° C : acceptable for 7th ~12th month
Humidity	5% to 95%
Altitude	Max. 2,000 m
Cooling Strategy	Natural Convection

Certification

Safety	Cell	UL1642
	Battery Pack	IEC62619 / IEC60950 (LVD) / CE
Emissions	IEC61000-6-1, IEC61000-6-3	
Hazardous Materials	Classification Class 9	
Transportation	UN38.3	
Ingress Rating	IP55	

※ Test Conditions - Temperature 25° C, at the beginning of life

※ Total Energy is measured under specific condition from LC (0.3CCCV/0.3CC)

Product Specification (1/2)

Mechanical Characteristics

		Module	Pack
Dimensions	Width	610 mm	800 mm
	Height	860 mm	1150 mm
	Depth	210 mm	400 mm
Weight		97kg	110kg
Color	White	(Battery module) + Black (BPU)	



Compatible storage Inverters with Helios10





Battery Power You Home

© 2018 TL New Energy

Dangang West Street, Panyu District, Guangzhou, China

中国 广州市番禺区旦港西街
