

• YOUR
• SMART
• ENERGY



STORION-LC-TB250/TB500

CAPACITY

Inverter: 250KVA, 500KVA
System: Max 2096.64kWh



All-in-One Design (10ft Container)

Easily Installation

Seamless Switching

Easily Set Function Parameters

Various Operating Modes Available For Selection

STORION-CS-TB250/TB500



Model		STORION-CS-TB250/TB500	
System Parameter			
Depth of Discharge (DOD)	98% (ON-Grid) , 90% (Off-Grid)		
Max Number of LC Battery Cabinet	10 Per system		
HV DC Bus Voltage	LV Voltage+40V ~ 850V		
LV PV Input Voltage	250~800V		
Max. PV Power	800kW		
Operation Ambinet Temperature Range	-20°C ~ 50°C(>45 Derating)		
Operation Humidity Range	0 - 95 %RH		
Max Operation Altitude	3000 m		
AC Parameters			
Model	STORION-LC-TB250	STORION-LC-TB500	
Nominal AC Power	250 kVA	500kVA	
Ingress Protection	IP54		
Nominal Grid Voltage	400 V , 3L/N/PE		
Nominal Grid Frequency	50/60 Hz (± 2.5 Hz)		
AC PF	Listed: 0.8~1 leading or lagging (Load-depend) Actual: 0.1~1 leading or lagging (Load-depend)		
Dimension(W x D x H)	2991mm*2438mm*2591mm		
Switching Time	< 20 ms		
Compliance	IEC 62477, IEC 61000, EN 50549, G99, AS4777, VDE 4110		
LC Battery Cabinet			
Battery Model	M166280-S		
Battery Chemistry	LFP (LiFePO4)		
System Operation Voltage Range	631.8 V ~ 842.4 V		
System Nominal Capacity	209.66kWh		
Cooling	Liquid cooling		
Dimension(W x D x H)	1700mm*1500mm*2450mm		
Ingress Protection	IP55		
Fire-Fighting System	Aerosol+Sprinkler		
Compliance	IEC 62619, IEC 62477		

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