

MASSPOINT

Building up Intelligent and Green Energy Systems



Series
Delta

Micro-Grid BESS

Delivering Pollution-Free, Visual, and Flexible Power

Delta BESS Series integrates solar PV, battery storage, and diesel generators into a green, intelligent energy solution, it reduces fuel costs, ensures reliable power delivery for off-grid sites, unstable grids, and industrial applications. It maximizes the use of renewable energy and significantly lowers electricity costs.



Commercial Benefit

Lower fuel use and operating costs



All-in-one Design

Effortless installation, ready for use immediately



Remote Control

Real-time monitoring and system control



Multiple protections

Stable and reliable, with an extended lifespan

Specification

	Technical Parameters		
Model	Delta-400-250/482-CE	Delta-600-500/1205-CE	Delta-1600-1000/2410-CE
	AC Parameters		
Wiring Method	3Ph+N+PE		
Rated Voltage	400Vac (380~415)		
Rated Frequency	50/60(± 1) Hz		
Rated Power(kW/kVA)	250/250	500/500	1000/1000
Rated AC Current	379A	759A	1519A
Max AC Current	417A	835A	1671A
Overload Capacity	≤250kVA, Continuous ≤275kVA, 10min ≤300kVA, 1min	≤500kVA, Continuous ≤550kVA, 10min ≤600kVA, 1min	≤1000kVA, Continuous ≤1100kVA, 10min ≤1200kVA, 1min
Power Factor	-1~1 leading or lagging		
Transformer	Included		
STS Switching Function	Available (20ms)		
	Battery Parameters		
Battery System Capacity	241~482kWh	482~1205kWh	1205~2410kWh
Battery Type	LiFePO4		
Cell Capacity	3.2V/314Ah		
Cell Cycle Life	≥6000 cycles (80%DOD)		
Rack Configuration	1P240S		
	PV Access Parameters		
PV Array Power	400kWp	600kWp	1600kWp
PV Connection	AC Coupling	DC Coupling/AC Coupling	
	Diesel Generator/Grid Access Parameters		
Wiring Method	3Ph+N+PE		
Rated Frequency	50/60(± 1) Hz		
Rated AC Current	379A	759A	1519A
	System Parameters		
Equipment Dimensions	2991*2438*2591mm	6058 × 2591 × 2438mm	12192*2438*2591mm
Weight	<8t	<21t	<30t
Working Temperature Range	-20 ° C~50 ° C		
Protection Level	IP54/IP55		
Relative Humidity	0~95%(non-condensing)		
Antiseptic Rank	C3		
Cooling Method	Air-cooling		
Fire Fighting	Aerosol		
Allowed Altitude	≤3000m		
Communication Method	RS485, Ethernet, CAN2.0		
Certification	IEC 62619, IEC 61000, IEC 62477, IEC 63056, AS/NZS 4777.2, NRS-097, UN 38.3		

Contact Us

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