

MARSTEK

Power Anywhere & Anytime

MARSTEK JUPITER-C/E

All-In-One Balcony ESS

- 4 MPPT for 2kW PV Input
- 2.56kWh / 5.12kWh Battery Capacity
- 800W On-grid, Plug & Play
- Anti Feed-in, 100% Self-consumption (By CT)
- IP65 Waterproof



Marstek Energy Co., Limited

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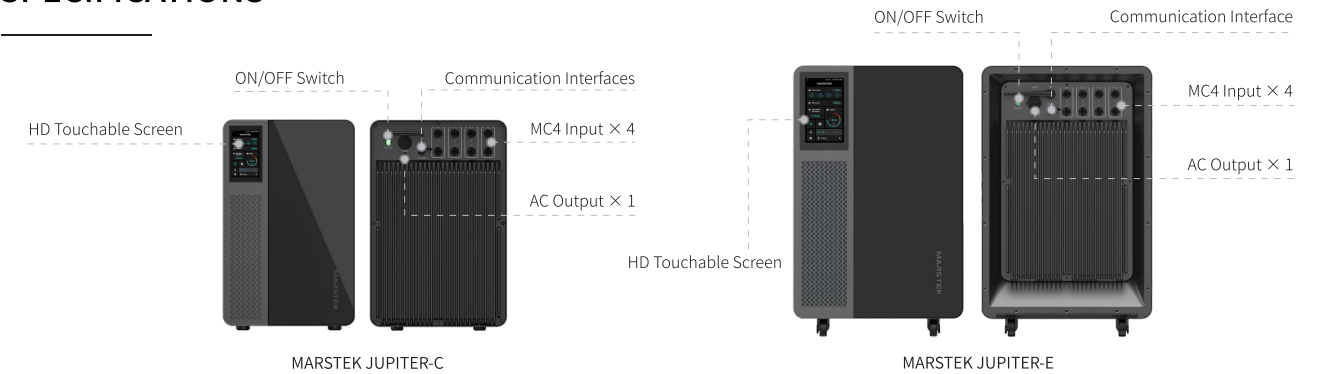
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SPECIFICATIONS



Model	MARSTEK JUPITER-C		MARSTEK JUPITER-E	
Battery Info				
Capacity	2560Wh		5120Wh	
Cell Chemistry	LiFePO ₄			
Lifecycle	6000+ Cycles to 80% Capacity			
DoD	90%			
Current	50A			
Battery Management System	OVP, UVP, OCP, SCP, OTP, UTP, etc			
MC4*4 PV Input				
Max. Input Power	500W*4			
MPPT Tracker	4			
Voltage Range	16V~55V			
Max. Input Voltage	60V			
Max. Input Current	14.5A*4			
MPPT Effi	99.80%			
AC Output (On Grid)				
Rated Power	800W			
Voltage Range	220V / 230V			
Output Frequency	50Hz / 60Hz			
Nominal AC Current	4.54A / 4.34A			
Max. Output Current	5.34A			
Output Power Factor	> 0.99			
THDi	< 3%			
Efficiency				
MAX. Battery to Load Efficiency	>96.5%			
General				
Dimensions	265*417*228mm		365*538*268mm	
Weight	38±0.5kg		59.5±0.5kg	
Material	SPCC			
Operating Temp.	-20°C ~ +60°C			
Protection Rated	IP65			
Cooling Strategy	Natural Convection			
Altitude	≤2000m			
Humidity	0~95%			
On-grid Connection Standard	VDE 4105/0124, NF EN50549-1, CE I0-21, PETREE, PN-EN 50549-1/-2, PEA 1165-2020			
Regulatory/EMC	IEC/EN 62109-1/-2, IEC/EN 61000-6-1/-2/-3/-4, IEC/EN 61000-3-2/-3, EN 300 328, EN 301 489 -1/-17, EN 50665, EN 62920, CB 62619, EN 50549-1			
Additional Data				
On-grid AC Connection	Three-wire Household Plug			
Display	4.3 inch LCD			
Supported Communication Interface	WIFI, Bluetooth, RS485			