

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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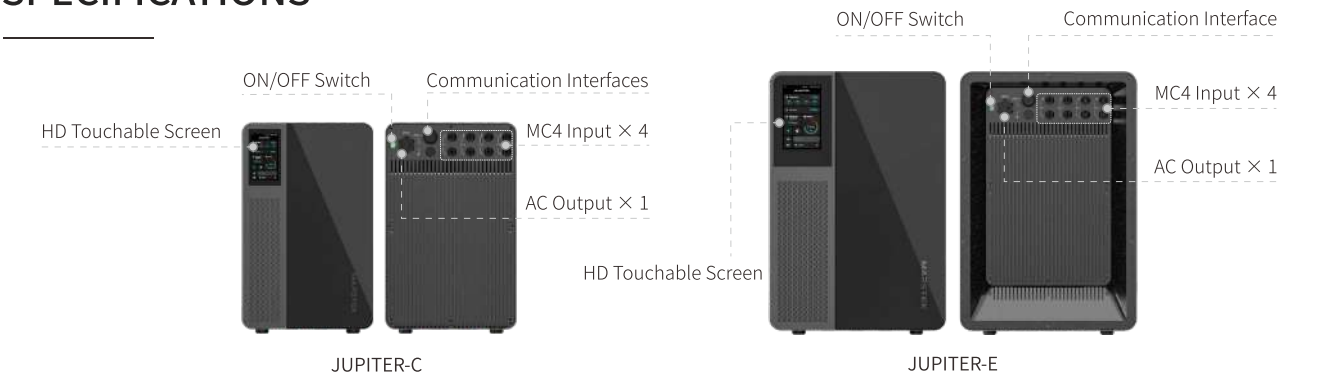
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SPECIFICATIONS



Model	JUPITER-C	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	25V~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	34±0.5kg	52±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,TOR R25, NF EN50549-10,C10/110,UNE 217001/217002,NT S631,CE I0-21,PETREE,PN-EN 50549-1/-2	
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,BT,USB-A,RS485	