

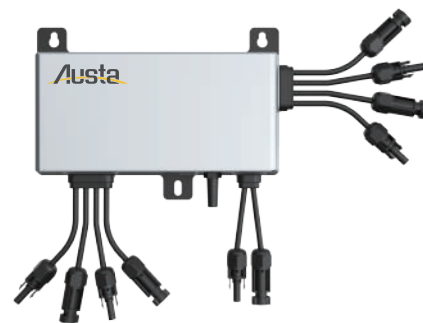


☉ 1Phase | 1000W

AU1000ME-DC

Advantage

- ☉ The AU1000ME-DC is designed to store excess solar power in a Li-ion battery for nighttime use, optimizing energy consumption and reducing reliance on the grid. By retrofitting the system with the AU1000ME-DC, you can transform your on-grid PV system into a hybrid solution, maximizing self-consumption and achieving cost savings. Harness clean energy during the day and store it for efficient use at night with the AU1000ME-DC.



Model	AU1000ME-DC
PV Input	
Max. DC input power(W)	750×2
MPPT voltage range(V)	22–55
Startup voltage(V)	24
Max. input voltage (V)	60
Max. input current(A)	15×2
Min. input voltage (V)	20
Max. DC short circuit current(A)	20×2
DC Input	
Max. input power(W)	1000
Max. input current(A)	20
Rated voltage(V)	51.2
DC Output to Battery	
Max. output power(W)	1000
Max. output current(A)	20
Rated voltage(V)	51.2
DC Output to Microinverter	
Max. DC input power(W)	< 1000
Rated output power(W)	1000
Rated output current(A)	20
Nominal voltage range(V)	22 ~ 60
Efficiency	
Peak efficiency(%)	97.3
MPPT efficiency(%)	> 99.5
Protection	
Overvoltage protection	Integrated
Overcurrent protection	Integrated
Short circuit protection	Integrated
Temperature protection	Integrated
Others	
Operating Temperature Range (°C)	-40 ~ +65
Relative Humidity Range	0 ~ 100%
Communication	WIFI
Protection Degree	IP67
Size (W×H×D mm)	180 × 244 × 31
Weight (not including battery kg)	2.2