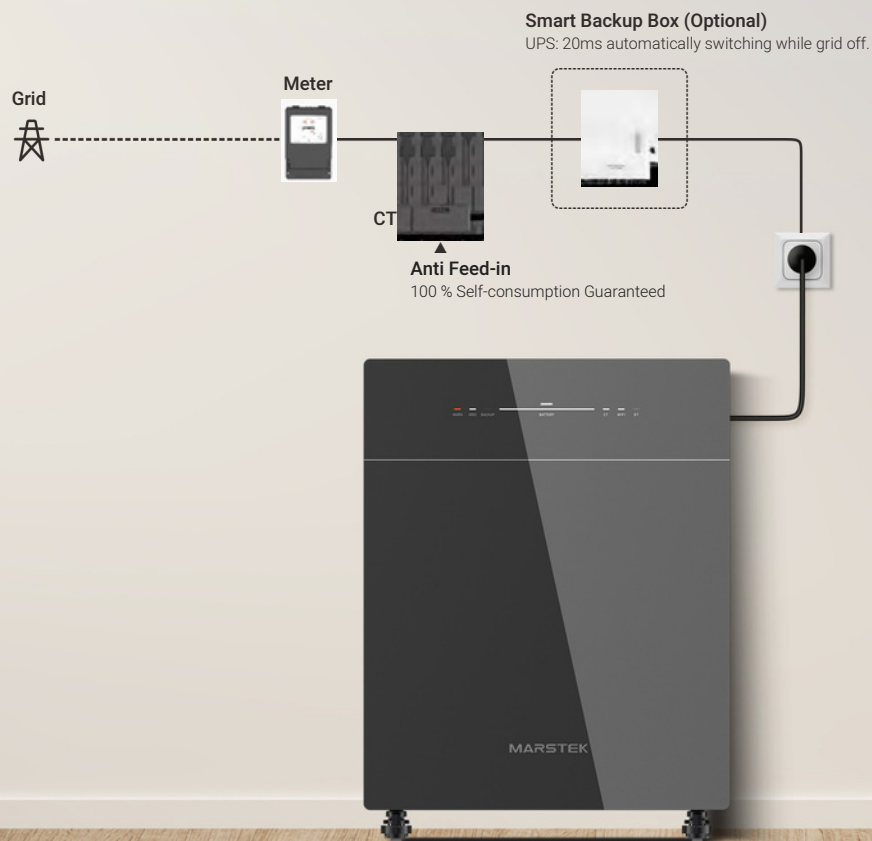
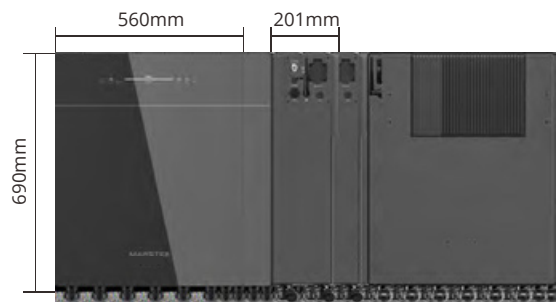


ENERGYCUBE VENUS-E AC Coupled ESS

- 5.12kWh Capacity
- 2.5kW On-grid, Plug & Play
- 2.5kW Back-up During Grid Shortage
- Compatible with any Existing PV System
- Simplest Micro Powerplant
- Saving & Making Money



SPECIFICATIONS



Model	VENUUS-E
Battery Info	
Rated Voltage	51.2V (16S)
Capacity	5120Wh
Life Cycle (Times)	>6000 (25°C)
Battery Type	LiFePO4
DoD	90%
AC Input / Output (On Grid)	2.5kVA
Rated Input / Output Power	L / N / PE
Operating Phase	230V
Rated Grid Voltage	187V ~ 253V
Grid Voltage Range	50Hz
Rated Grid Frequency	10.9A
Rated Grid Output Current	
Power Factor	
THDi	> 0.99 (Default) / 0.8 leading...0.8 lagging (Adjustable)
Back-up (Off Grid)	< 3%
Rated Output Power	
Max. Apparent Output Power	2.5kVA
Rated Grid Voltage	3.5kVA, 10s
Rated Output Current	230V
Rated Output Voltage Frequency	10.9A
THDu(Linear Load)	50Hz
Efficiency	<3%
Battery-AC Side Max. Efficiency	
Protection	> 93.5%
Protection Level	I
Over voltage/Voltage Withstand Level	DC II / AC III
General	Isolated
Isolation Type	-20°C ~ + 55°C(Storage -30°C ~ + 85°C)
Operating Temperature Range	0 ~ 95%
Relative Humidity	IP65
Ingress Protection	Natural Convection
Cooling Strategy	2000m
Max. Operating Altitude	VDE 4105/0124,TOR R25,NF EN50549-1,UNE217001/217002,NTS 631,CE10-21,PETREE,PN-EN 50549-1/-2,G98, AS4777.2
On-grid Connection Standard	IEC62040,IEC62477,IEC/EN 61000-6-1/-2/-3/-4,IEC/EN 61000-3-2/-3,EN 300 328,EN 301 489 -1/-17,
Regulatory/EMC	EN 50665,CB 62619
	560*690*201mm
	60 ± 0.5kg
	Three-wire Household Plug (Euro16A)
Dimension	Three-hole socket (Euro socket)
Weight	LED
Additional Data	WIFI & RS485 (Waterproof aviation plug)
On-grid AC Connection	
Back-up Connection	
Display	
Supported Communication Interface	