

A48 100



Safe and Reliable ▪ Higher Efficiency ▪ Floor and Wall Mount ▪ Flexible Size
Dyness A48100 adopt economic design, is tailor made for residential and light commercial.

Features and advantages

- LiFePO4 battery, Safe, Longer life span
- Modular design, Easy to stack, Quick installation
- Larger energy capacity
- Natural cooling with optional heat/fan configuration
- Wide temperature range of -20~50°C
- With standard wall-mounted installation accessories
- Optional stacking brackets, will realize more than 8 modules stacking and paralleling without additional industrial cabinet.
- OTA Function: Remote monitoring and upgrade(Requires optional WiFi stick)



SPECIFICATION

Model	A48100
Battery Type	LiFePO4
Battery Capacity [Ah]	100
Nominal Voltage [V]	48
Nominal Battery Energy [kWh]	4.8
Max Output Power [kW]	3.6
Recommended Charge/Discharge Current[A]	50
Max. Charge/Discharge Current[A]	75
Peak Power Charge/Discharge Current[A]	100(15s)
Dimension [H*W*D, mm]	504*597*155
Working Voltage [V]	42~54
Operating Temp. Range [°C]	-20~50
Calendar Life [Cycles] ^[1]	3500
Protection Level	IP20
Communication	CAN/ RS485/ RS232
Certification & Safety Standard	CE / UN38.3
Compatible Inverters	Goodwe Victron Imeon Solis Luxpower Growatt GMDE Sofar Voltronic Deye More brands will be announced
Scalability [kWh]	Up to 40 units to parallel
Net Weight [Kg]	45
Warranty Document Supplied	Yes
Color	White
Alarms	Overcharge Overdischarge Overcurrent Overtemperature Short Circuit
Pros	Can be used in both off-grid and hybrid setups, compact design, floor or wall mount
Monitoring & Protection	Each system has intelligent BMS, and breaker embedded in system
Warranty	5 Years

[1] Test conditions: 0.2C Charging/Discharging, @25°C, 80% DOD