

GH-BATTERY

GH-B16A

COMPARISON CHART: HOME SOLAR ENERGY STORAGE BATTERY



		SONNEN	PYLONTECH	LG	TESLA	SOLAREEDGE	SOLAX	BYD	ENPHASE
Model	GH-B16A	SonnenBatterie EVO	Pylontech-Force-L2	LG RESU 12	Powerwall 3	SolarEdge Home Battery 400V (BAT-10K1P)	T-BAT H5.8 (T-BAT H5.8 V2)		IQ Battery 10T
System	Low Voltage System	Low-Voltage System	Low-Voltage System	Low-Voltage System	High-voltage System	High-voltage System	High-voltage System	High-voltage System	High-voltage System
Battery Type	LiFePO4 (LFP)	LiFePO4(LFP)	LiFePO4(LFP)	NMC (Ternary Lithium)	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)	LiFePO4(LFP)
Nominal Battery Energy (kWH)	16.076kWh	11kWh	7kWh per Module	12.5kWh per Module	13.5kWh	9.7kWh	5.8kWh	15.36kWh	10.08kWh
Operating Voltage Range	40~58.4V	44.8-58.4V	48V	42~58.8V	120/240VAC	350V-450V	100-131V	40-59V	67.2V Nominal DC Voltage
Rated Output Power	8.38kW	3.3kW	3.5kW	5kW	5.8kW~11.5kW (Optional)	5kW	5kW	7.9kW	5kW
Charge/Discharge Current	157A (Maximum Continuous Current)	80A (Nominal Estimate)	100A per Module	119A (peak),57A Continuous	24A-48A (Maximum Continuous Current)	Max Continuous Output Current: 14.3A	Nominal 24A Max 35A	Max. Output Current: 250A	Rated Output Current: 16A
Life Cycle	8000+	10000	8000	6000	10000	Unlimited	6000	5000	3600
Warranty	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10 Years	10-Year limited warranty with an optional limited 5-year limited warranty
Mounting Options	Floor AND Wall Bracket	Floor-Mounted	Stackable Floor-Mounted	Wall-Mounted	Floor or Wall Mount	Floor or Wall Mount	Floor or Wall Mount	Floor or Wall Mount	Floor or Wall Mount
Extra Capacity	Max. 15 pcs in parallel (240kWh)	Up to 3 units (33kWh)	Up to 3 units (~21.3kWh)	Max 1 Unit per Inverter	All-in-One (Integrated with the microinverter)	/	/	/	All-in-One integrated with the micro inverter 3.84 kVA (Single Phase) and the battery