

### Technical Data



### FEATURES

- ◆ Scalable: Optional parallel connection for future capacity expansion.
- ◆ Plug-and-Play: No installation required; place directly on floors (e.g., garages, basements).
- ◆ Stable & Safe: Low-center-of-gravity design with anti-tip features; some models include wheels for mobility.
- ◆ Weather-resistant: Wide operating temperature (-20°C~50°C) and high IP rating (e.g., IP55) For harsh conditions.
- ◆ High-capacity: Single unit provides large energy storage (e.g., 10kwh+) for high-demand households or off-grid use.



Model	PBH51280FS	PBH51300FS	PBH51320FS	PBH51460FS
Total Energy (Kwh)	14.336KWh	15.36KWh	16.384KWh	23.55KWh
Capacity (Ah)	280Ah	300Ah	320Ah	460Ah
Nominal Voltage (V)	51.2V	51.2V	51.2V	51.2V
Float Voltage (V)	58.4V	58.4V	58.4V	58.4V
Equalization Voltage (V)	56V	56V	56V	56V
Discharge Cutting Voltage (V)	44.8V	44.8V	44.8V	44.8V
Max. Charge & Discharge Current (A)	200A	200A	200A	200A
Max.C Rating	0.7C	0.65C	0.6C	0.6C
Dimension (mm)	790*520*265mm	840*500*250mm	840*500*250mm	385*710*1030mm
Net Weight (kg)	123.7kg	130.8kg	136kg	212.5kg
Max. Scalable	15 Pcs in Parallel			
Communication Ports	CAN / RS485 / RS232			
Communicated Inverter	" Galaxy Solar / Goodwe / Victron / Sofar / Deye / Voltronic / Pylon / Luxpower / Afore / Must / Sako / Sorotec / Sma / Solis / Phocos / Kstar / Mpp Solar / Growatt / Megarevo / Srne " Etc.			
Charging Temp Range (°C)	0-55			
Disharging Temp Range (°C)	-10~55			
Cycle Lifes	≥6000 Cycles @ 80% DOD / 0.5C / 25			
Warranty	5 Years			
Certifications	CE, UN38.3, MSDS			
Function	WIFI, Touch Screen, Battery Light, Display Screen			

\* Product Specifications Are Subject To Change Without Prior Notice.

### CONTEXT OF USE



Residence



Farm



Base Station



Finance



UPS



Telecom