





51.2V
Nominal Voltage

16.1kWh

Capacity

314Ah

**Rated Capacity** 

## **FEATURES**

- + Unlimited Cycle Warranty (Ts & Cs apply)
- + Integrated 24/7 monitoring with the Hubble Cloudlink
- + Low center of gravity design, with anti-tip features. Models include wheels for mobility
- + Plug and play. No installation required; place directly on floor
- + Informative RGB led display strip
- + Prismatic LifePO4 cells

- + Advanced BMS with current limiting function
- + Scalable system (up to 15 units)
- + High cycle and service life
- + Compatible with most inverters and chargers
- + Built in protection for over-charge, overdischarge & over-temperature
- + CAN bus, fully integrates & communicates with leading inverter brands



UNLIMITED CYCLE WARRANTY (Ts & Cs Apply)



INTEGRATED MONITORING



SAFE + RELIABLE



SCALABLE

## TECHNICAL DATA

Nominal Energy  16.1 kWh  7Rated Capacity  314 Ah  Nominal Voltage  Battery Type  LiFePO4 (LFP) 16 Cells per Battery  43.2 Vdc ~ 58.4 Vdc  Charging Voltage  Charging Voltage  Charge Current (A)  Discharge Current (A)  Discharge Current (A)  Cycle Life ® 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  S 2 W  Wi-Fi Protocol  Communication  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  No installation required, place directly on floor  Environmental  Operating Temperature  10 °C to 50 °C  Storage Temperature	Battery Parameter	Specification
Rated Capacity  Nominal Voltage  Battery Type  LiFePO4 (LFP) 16 Cells per Battery  Operating Voltage Range  Charging Voltage  Inverter Cut Off Voltage  Charge Current (A)  Discharge Current (A)  Discharge Current (A)  Cycle Life @ 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  S 2 W  Wi-Fi Protocol  Communication  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  Weight  131.5 kg  No installation required, place directly on floor  Environmental  Operating Temperature  10 °C to 50 °C  Storage Temperature  LiFePO4 (LFP) 16 Cells per Battery  4.3.2 Vd	Model	Hubble AM16+
Silvar   S	Nominal Energy	16.1 kWh
Battery Type  Operating Voltage Range  Charging Voltage  Charging Voltage  Inverter Cut Off Voltage  Charge Current (A)  Discharge Current (A)  Cycle Life @ 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  Solution (Self-Consump	*Rated Capacity	314 Ah
Operating Voltage Range  Charging Voltage  Inverter Cut Off Voltage  Charge Current (A)  Discharge Current (A)  Discharge Current (A)  Discharge Current (A)  Cycle Life @ 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Self-Consumption)  Self-Consumption  Over Charge; Over Discharge; Over Current; Short Circuit; Over and Uncateronal Consumption  Self-Consumption)  Self-Consumption  Self-Consumption)  Self-Consumption  Self-Consumption  Self-Consumption  Wi-Fi Protocol  Communication  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  No installation Mounting  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Nominal Voltage	51.2 V
Charging Voltage  Inverter Cut Off Voltage  Charge Current (A)  Discharge Current (A)  Discharge Current (A)  Discharge Current (A)  Cycle Life @ 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Self-Consumption  Self-Consumption)  Self-Consumption  Self-Consum	Battery Type	LiFePO4 (LFP) 16 Cells per Battery
Inverter Cut Off Voltage  Charge Current (A)  Discharge Current (A)  Discharge Current (A)  200 A max (157 A continuous)  Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs App. Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  © 2 W  Cloudlink (Monitoring)  Power (Self-Consumption)  \$\frac{2}{2} \text{W}\$  Over Charge; Over Discharge; Over Current; Short Circuit; Over and Uncontent (Self-Consumption)  \$\frac{2}{2} \text{W}\$  No installation required, place directly on floor  Environmental  Operating Temperature  49 V (recommended) / 47 V (minimum)  130 A continuous  200 A max (157 A continuous)  Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs App. Battery Management (Ts & Cs App.	Operating Voltage Range	43.2 Vdc – 58.4 Vdc
Charge Current (A)  Discharge Current (A)  Discharge Current (A)  Cycle Life @ 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)   S 2 W  Passive - Activated once cells are close to full charge voltage.  Limits charging current to 20 A if it exceeds 137 A.  Over Charge; Over Discharge; Over Current; Short Circuit; Over and Uncomperature  Cloudlink (Monitoring)  Power (Self-Consumption)  S 2 W  802.11 b/g/n/e/i (802.11n up to 150 Mbps)  CAN / RS485 / RS232  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  Installation Mounting  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature	Charging Voltage	55.2 Vdc
Discharge Current (A)  Cycle Life @ 0.5C  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  ≤ 2 W  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Self-Consumption)  Self-Consumption)  Self-Consumption  CAN / RS485 / RS232  Physical  Dimensions  Self-Consumption  Protection  Protection  Self-Consumption  Self-	Inverter Cut Off Voltage	49 V (recommended) / 47 V (minimum)
Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs App  Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode) Intelligent Current Limiter Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Self-Consumption  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Self-Consumption  Self-Consump	Charge Current (A)	130 A continuous
Battery Management System (BMS)  Power (Self-Consumption)  Cell Balancing (Charging Mode) Intelligent Current Limiter Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Self-Consumption)  Self-Consumption  Wi-Fi Protocol Communication  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  No installation Mounting  Power (Self-Consumption)  No installation required, place directly on floor  Environmental  Operating Temperature  Self-Consumption	Discharge Current (A)	200 A max (157 A continuous)
Power (Self-Consumption)  Cell Balancing (Charging Mode)  Intelligent Current Limiter  Protection  Cloudlink (Monitoring)  Power (Self-Consumption)  Wi-Fi Protocol  Communication  Physical  Dimensions  Ø70 * 500 * 260mm (Height, Width, Depth)  131.5 kg  No installation Mounting  Environmental  Operating Temperature  ≤ 2 W  Passive - Activated once cells are close to full charge voltage.  Limits charging current to 20 A if it exceeds 137 A.  Over Charge; Over Discharge; Over Current; Short Circuit; Over and Uncomplete Consumption  S 2 W  802.11 b/g/n/e/i (802.11n up to 150 Mbps)  CAN / RS485 / RS232  Physical  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Cycle Life @ 0.5C	Unlimited cycles within the Hubble Energy 10 year warranty (Ts & Cs App
Cell Balancing (Charging Mode)       Passive - Activated once cells are close to full charge voltage.         Intelligent Current Limiter       Limits charging current to 20 A if it exceeds 137 A.         Over Charge; Over Discharge; Over Current; Short Circuit; Over and Uncertaintie         Cloudlink (Monitoring)         Power (Self-Consumption)       ≤ 2 W         Wi-Fi Protocol       802.11 b/g/n/e/i (802.11n up to 150 Mbps)         Communication       CAN / RS485 / RS232         Physical       970 * 500 * 260mm (Height, Width, Depth)         Weight       131.5 kg         Installation Mounting       No installation required, place directly on floor         Environmental       -10 °C to 50 °C         Storage Temperature       10 °C to 50 °C	Battery Management System (BMS	5)
Intelligent Current Limiter       Limits charging current to 20 A if it exceeds 137 A.         Protection       Over Charge; Over Discharge; Over Current; Short Circuit; Over and Uncontemperature         Cloudlink (Monitoring)	Power (Self-Consumption)	≤2 W
Over Charge; Over Discharge; Over Current; Short Circuit; Over and Unce Temperature  Cloudlink (Monitoring)  Power (Self-Consumption)  Wi-Fi Protocol  Communication  CAN / RS485 / RS232  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  10 °C to 50 °C	Cell Balancing (Charging Mode)	Passive - Activated once cells are close to full charge voltage.
Temperature  Cloudlink (Monitoring)  Power (Self-Consumption)  Wi-Fi Protocol  Communication  CAN / RS485 / RS232  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  Weight  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature	Intelligent Current Limiter	Limits charging current to 20 A if it exceeds 137 A.
Power (Self-Consumption)  Wi-Fi Protocol  Communication  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  Weight  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  10 °C to 50 °C	Protection	Over Charge; Over Discharge; Over Current; Short Circuit; Over and Und Temperature
Wi-Fi Protocol  Communication  CAN / RS485 / RS232  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Cloudlink (Monitoring)	
Communication  CAN / RS485 / RS232  Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Power (Self-Consumption)	≤2 W
Physical  Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  Installation Mounting  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Wi-Fi Protocol	802.11 b/g/n/e/i (802.11n up to 150 Mbps)
Dimensions  970 * 500 * 260mm (Height, Width, Depth)  131.5 kg  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  10 °C to 50 °C	Communication	CAN / RS485 / RS232
Weight  Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  131.5 kg  No installation required, place directly on floor	Physical	
Installation Mounting  No installation required, place directly on floor  Environmental  Operating Temperature  -10 °C to 50 °C  10 °C to 50 °C	Dimensions	970 * 500 * 260mm (Height, Width, Depth)
Environmental  Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Weight	131.5 kg
Operating Temperature  -10 °C to 50 °C  Storage Temperature  10 °C to 50 °C	Installation Mounting	No installation required, place directly on floor
Storage Temperature 10 °C to 50 °C	Environmental	
	Operating Temperature	-10 °C to 50 °C
Humidity 15% to 75%	Storage Temperature	10 °C to 50 °C
	Humidity	15% to 75%

CE, UN38.3



Certification



<sup>\*</sup> Due to continuous product improvements specifications are subject to change without prior notice. \*\* To prolong battery life the recommended charge current is 105A