

Energy Hub 1228-1528

- High voltage type Lithium-ion battery modules
- Lithium Iron Phosphate (LFP) cell guarantees safety and reliability
- Suitable for wide range of solar inverters with high-voltage



Energy Hub 1228



Energy Hub 1528



Compact size and Lightweight

Built-in Lithium Iron Phosphate (LFP) cell with less space and weight.



Fast charging

Battery module can be fully charged in shorter time.



Modular design

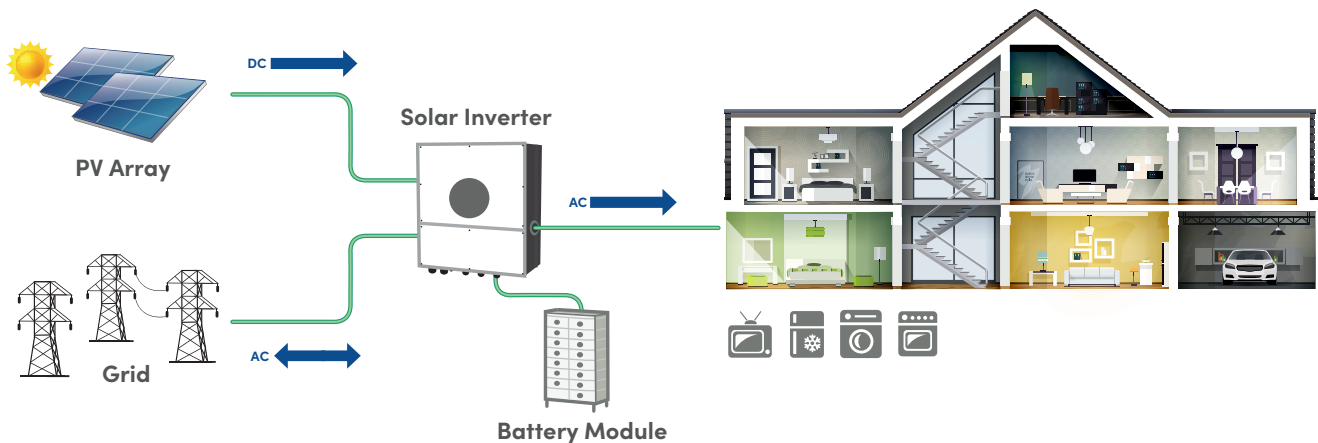
Battery modules are configured to achieve high power output.



Maximum Lifecycle

8000 cycles is for 60% DOD with >50% capacity
 6000 cycles is for 80% DOD with >80% capacity
 4000 cycles is for 90% DOD with >80% capacity

System Diagram



Specifications



BATTERY MODEL		Energy Hub 1228	Energy Hub 1528
Controller Box Module		HVC 280	
Single Battery Module		HVB 280 (51.2V/280AH, 14.3KWh)	
Numbers Of Modules		12	15
PARAMETERS			
Nominal Voltage		614.4VDC	768VDC
Full Charge Voltage (FC)		691VDC	840VDC
Full Discharge Voltage (FD)		576VDC	720VDC
Typical Capacity		280 Ah	
Typical Energy		172KWh	215KWh
Max Continuous Discharging Current		170A (0.6C)	
Max Peak Discharging Current		200A	
Protection		BMS	
Charge Voltage		691VDC	840VDC
Charge Current		30A	
Maximum Charge Current		140A (0.5C)	
Communication Protocol		CAN	
Standard Charge Method		0.2C~0.6C CC (Constant current) charge to FC, CV (Constant voltage FC) charge till charge current decline to <0.05C	
Inner Resistance		≤20m ohm	
Cycle Life		>6000 Cycle @ 0.6C/0.6C Charge & Discharge with 90% DoD with 80% remain capacity	
PHYSICAL			
Single Battery Module	Dimension, D x W x H (mm)	805 x 523 x 231	
	Net Weight (Kg)	120	
Controller Box	Dimension, D x W x H (mm)	799 x 523 x 234	
	Net Weight (Kg)	30	
Complete Set	Dimension, D x W x H (mm)	820 x 1062 x 2355	
	Net Weight (Kg)	1745	2105

Product specifications are subject to change without further notice.