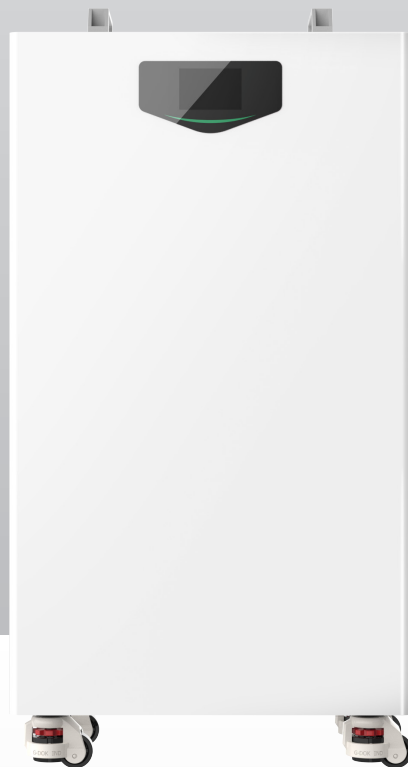




Energy Storage
Battery

Floor-Standing

51.2V | M16S280-314BL-YV



Easy Mobility

Mobility with four rollers, easily move and flexibly respond to different power needs Provides global partners with power guarantee anytime and anywhere.



High-Capacity & Reliable System

Powered by 280Ah/314Ah safe LiFePO4 cells, it delivers robust performance with IP21/65-rated resistance, providing reliable electricity for battery systems.



Smart Integration

An intelligent BMS, efficient, safe operation and integration with home solar storage systems for your devices, leading the new era of efficiency.



Flexible Capacity Expansion Available

Connect up to 16 units in parallel to scale power on demand. This expandable system supplies ample energy to power entire villas, large homes and small commercial setups with ease.

Product Model	M16S280BL-YV	M16S314BL-YV	Units
Product Description			
Cells In Series	16S	16S	
Rated Energy	14.336	16.07	KWh
Rated Voltage	51.2	51.2	V
Charging Voltage	58.4	58.4	V
Discharge Cut-off Voltage	42	42	V
Standard Charge Current	62	62	A
Maximum Charging Current	200	200	A
Maximum Discharge Current	200	200	A
Features			
Cycle Life	25±2℃, 80%DOD, 0.5C/0.5P cycles ≥ 4000-6000 times / 80%SOH		
Methods Of Communication	RS232/RS485/CAN		
Charging Temperature	0~60℃		
Discharge Temperature	-10~65℃		
How It Is Displayed	LCD display		
IP Protection	IP21/IP65		
Conventional			
Product Dimensions (L×W×H)	805×475×240	805×475×240	mm
Net Weight	~117.1	~123.5	Kg
Packing Dimensions (L×W×H)	960×525×420	960×525×420	mm
Gross Weight	~137	~143.4	Kg
Optional	Bluetooth / WIFI / Circuit breaker		