GREENAGE VALUE ENERGY STORAGE

GVEs-51.2

51.2V 430AH LiFePO4

Vertical Battery Energy Storage System

ENERGY	NOMINAL VOLTAGE
22 kWh	51.2 VDC
CAPACITY	**CYCLE LIFE**
430 Ah	6000 @ 25°C

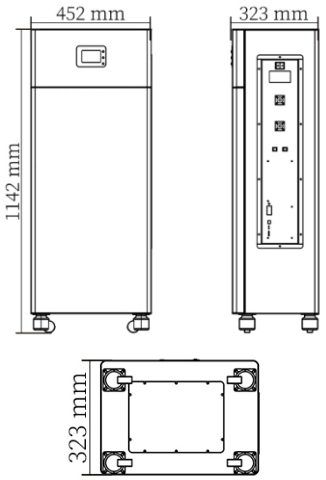


High Energy Lithium Type	High Discharge Current	Long Battery Life	High Charge Efficiency	High Continuous Power Output	Wide Operating Temperature Range

PRODUCT SPECIFICATIONS

ITEM	SPECIFICATION
Model	**GVEs-51.2**
Normal Voltage	**51.2 VDC**
Capacity	**430 Ah**
Energy	**22 kWh**
Maximum Charge Voltage	**58.4 V**
Operating Voltage Range	**43.2 V~ 58.4 V**
Maximum Charge Current	**215 A**
Maximum Discharge Current	**430 A (load power less than 430 A)**
Cycle Life	**6000 @ 25°C**
Weight	**Appro. 156 kg**
Internal Resistance (Full Charged)	**<100 mΩ @ 25°C**
Operating Temperature (Discharge)	**-20°C ~ +55°C**
Operating Temperature (Charge)	**0°C ~ +45°C**
Storage Temperature	**-20°C ~ +45°C**
Recommended Operating Temperature	**15°C ~ +35°C**
Relative Humidity	**25% ~ 80% RH**
Communication	**CAN / 485**
Display	**LCD Screen**
Outer Dimension	**1142 x 452 x 323 mm**

DIMENSIONS



1142x452 x323 mm

Model	**GVEs-51**
Product Features	**Vertic**
Battery Type	**LiFeP(**

SAFE & RELIABLE
Advanced LiFePO4 Technology

LONG LIFE
6000+ Cycles

SMART PROTECTION
Built-in BMS for Multi-layer Safety

WIDE COMPATIBILITY
CAN & 485 Communication