

VECTOR

PORTABLE AC RESISTIVE LOAD BANK TECHNOLOGY

5000 SERIES



VPR AC 400 3000K PORTABLE POWERPACK

Resistive Load Bank

TECHNICAL DATA SHEET

Power Output: 1kW – 3000kW

Low Voltage: 400v

Power Factor: Unity

TECHNICAL DATASHEET SUMMARY

OVERVIEW LOAD

Power	3000 kW
Load Control	23steps (Refer to step profile)
Load Tolerance (each step)	±5%
Load Tolerance (overall)	±3%
Type	Resistive
Resistor Type	Finned Element

VENTILATION

Type	Horizontal In / Upward Out
Cooling Method	Forced Air
Fan (No.)	1 Fan

CONTROLS & COMMUNICATION

PLC	Siemens
Communication	RS232 / RS485
Modes of Operation	Manual Control PC Control.
Display Meters	Multi-function Digital Meter

OPERATING RANGES

Ambient Temperature	-20°C~+50°C
Relative Humidity	≤95%
Atmospheric Pressure	86~106kPa

OVERVIEW ELECTRICAL

Voltage Type	AC
Voltage	380 -415 V
Frequency	50 Hz
Power Supply	400 V
Insulation Class	Class F
Busbar Material	Copper

ENCLOSURE

Usage	Outdoor
IP Rating	IP54
Lifting	Handles and Eyebolts

PROTECTIONS & SENSORS

Overload Protection	Yes - Standard
Overheat Protection	Yes - Standard
Short Circuit Protection	Yes - Standard
Emergency Stop Button	Yes - Standard
Others	Available on Request

WEIGHTS & DIMENSIONS & WARRANTY

Weight (kg)	7000
Length x Width x Height mm	6058 x 2438 x 2591
Warranty Period	12 Months

Main functions:

1. Users can set adjustable load power within rated power.
 2. Current, voltage, frequency, power factor, and active power, reactive power, and apparent power can be displayed.
 3. With software programmable control, graphs of current, voltage, frequency, power factor, power can be displayed, saved and printed.
- Step Load Profile 1kW,2kW,2kW,5kW,10kW,10kW,20kW,50kW,100kW,200kW*14

Specification for Export Markets (50Hz)

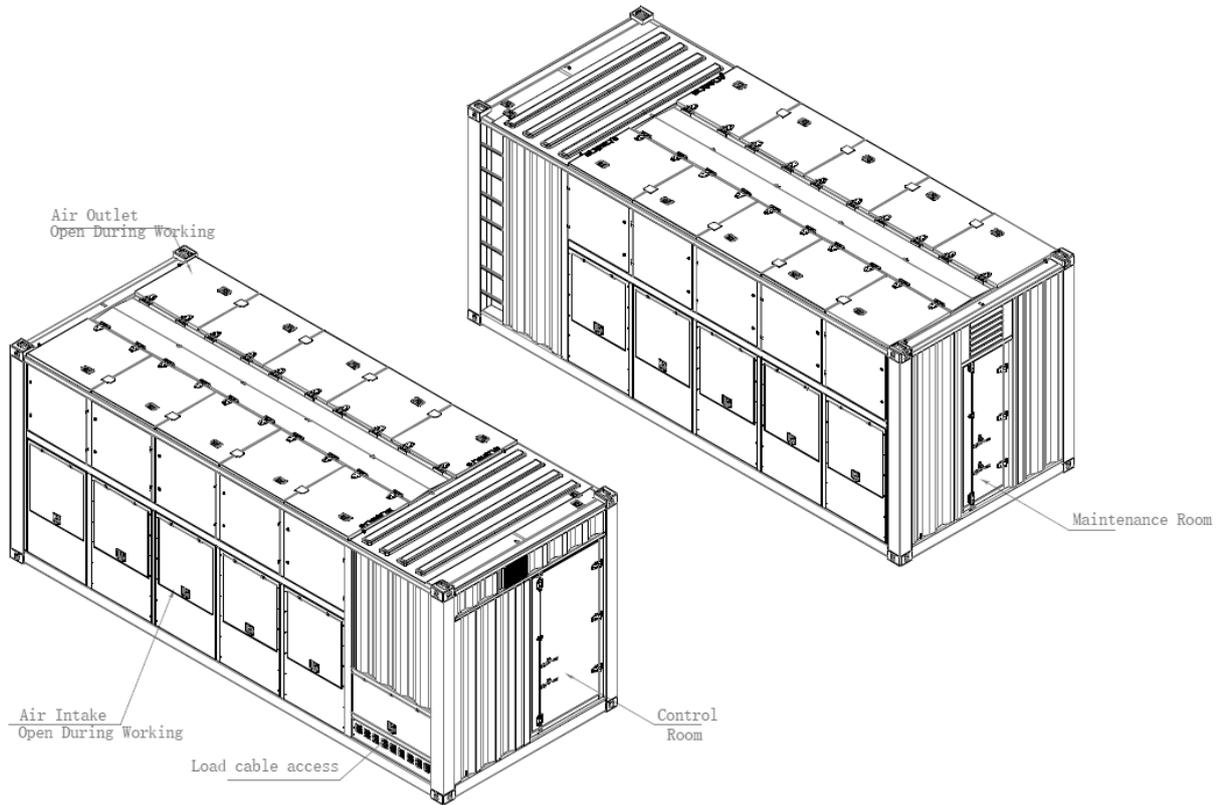
Manufactured in the Peoples Republic of China

PACKAGING AND TRANSPORT

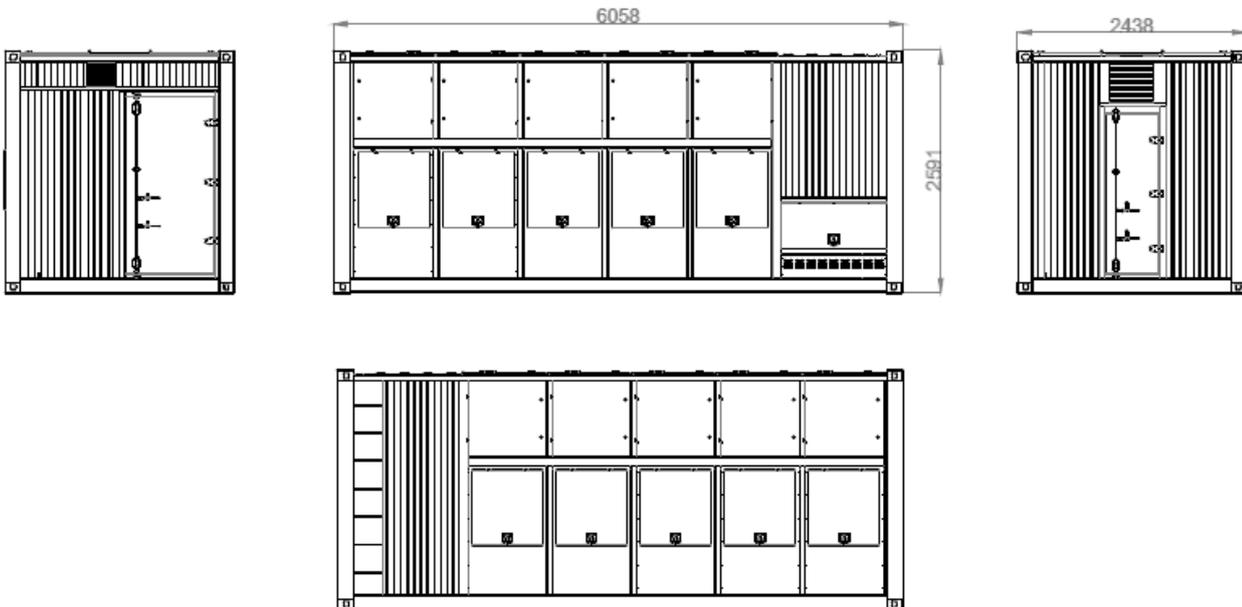
Transport	ISO Container
Shipping Packaging	Sealed Vents on container
Country of Origin	China
HS Code	9030 3390 00



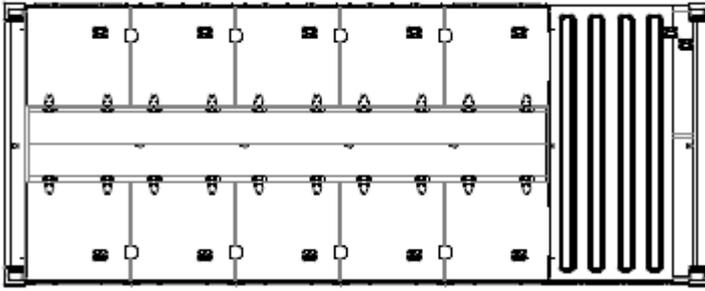
OUTLINE DRAWINGS AND DIMENSIONS



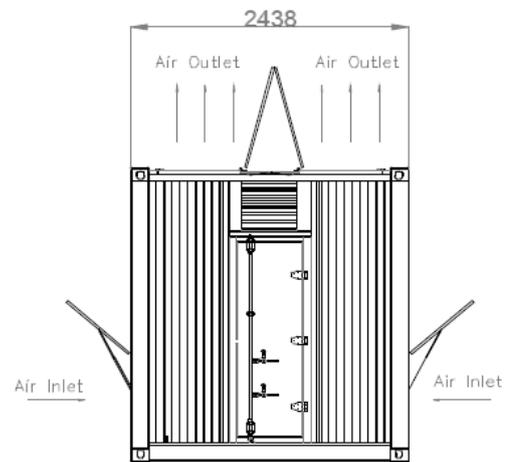
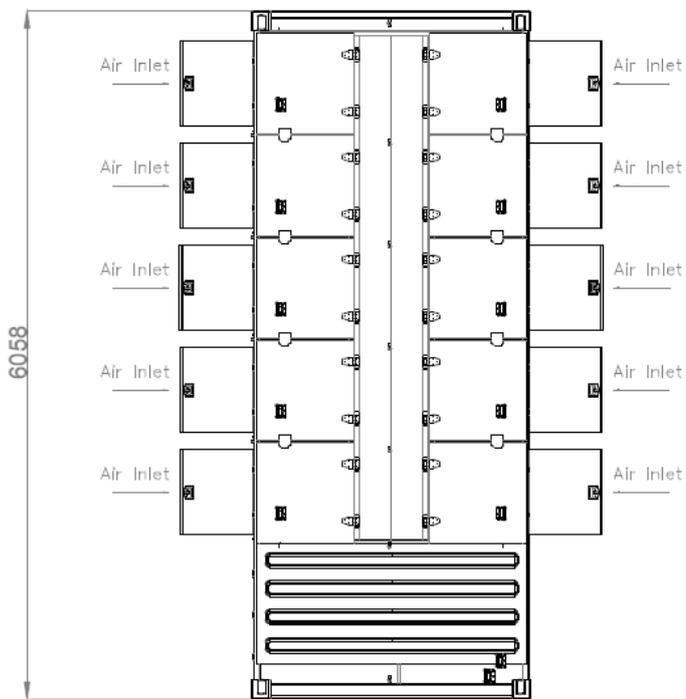
SIDE VIEWS



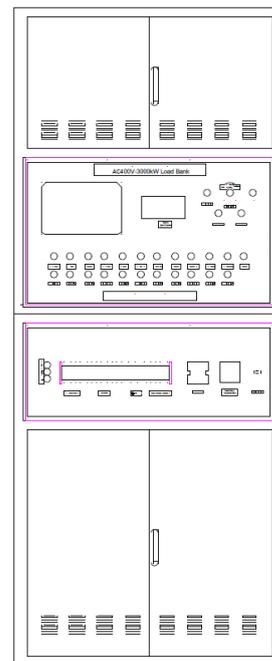
AERIAL VIEWS



AERIAL & OPENED VENTILATION LOUVRE PANEL



CONTROL PANEL VIEW



O&OE

All information in the document is substantially correct at the time of printing but may be subsequently altered by the company.