

VECTOR

PORTABLE AC RESISTIVE LOAD BANK TECHNOLOGY

3000 SERIES



VPR AC 400 500K PORTABLE POWERPACK

Resistive Load Bank

TECHNICAL DATA SHEET

Power Output: 1kW – 500kW

Low Voltage: 400v

Power Factor: Unity

TECHNICAL DATASHEET SUMMARY

OVERVIEW LOAD

Power	500 kW
Load Control	1,2, 2, 5, 10, 10, 20, 50, 100,100, 200kw
Load Tolerance (each step)	±5%
Load Tolerance (overall)	±3%
Type	Resistive
Resistor Type	Finned Element

VENTILATION

Type	Horizontal
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	220 V
Insulation Class	Class F
Busbar Material	Copper

ENCLOSURE

Usage	Outdoor
IP Rating	IP21
Lifting	Forklift Skid 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)	700
Length x Width x Height mm	1820 x 1300 x 1070
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.

Specification for Export Markets (50Hz)

Manufactured in the Peoples Republic of China

PACKAGING AND TRANSPORT

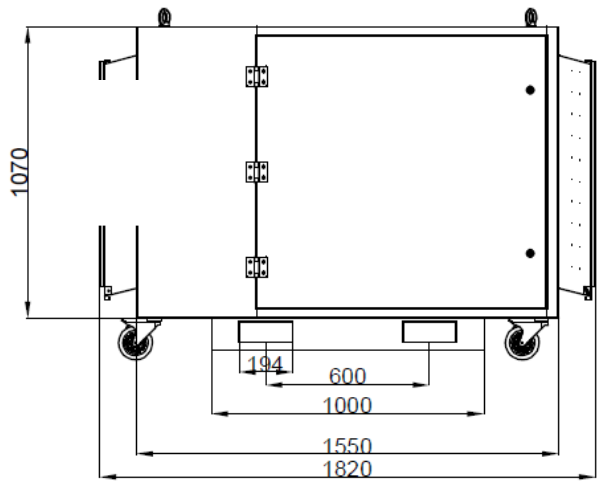
Transport	Wheels & Castors
Shipping Packaging	Plywood Box
Country of Origin	China
HS Code	9030 3390 00



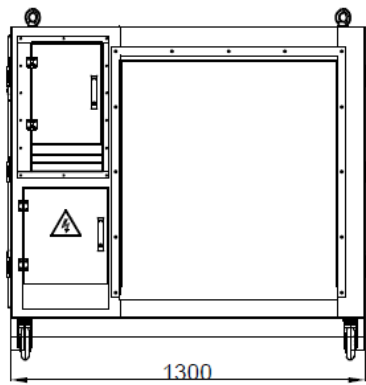
OUTLINE DRAWINGS AND DIMENSIONS

SIDE VIEWS

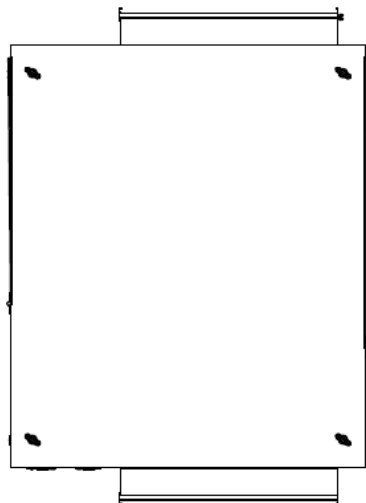
Maintenance surface



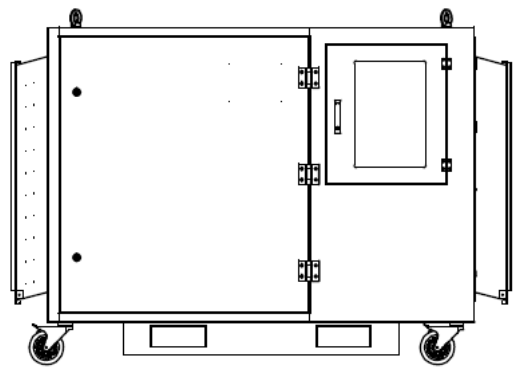
Air inlet surface



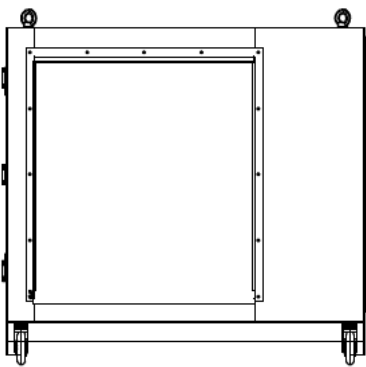
AERIAL & PANEL VIEW



Operating surface



Air outlet surface



O&OE

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