

VECTOR

PORTABLE AC RESISTIVE LOAD BANK TECHNOLOGY

1000 SERIES



VPR AC 400 100K PORTABLE POWERPACK

Resistive Load Bank

TECHNICAL DATA SHEET

Power Output: 1kW – 100kW

Low Voltage: 400v

Power Factor: Unity

TECHNICAL DATASHEET SUMMARY

OVERVIEW LOAD

Power	100 kW
Load Control	1, 2, 2, 5, 10, 20, 20, 40kW
Load Tolerance (each step)	±5%
Load Tolerance (overall)	±3%
Type	Resistive
Resistor Type	Finned Element

VENTILATION

Type	Horizontal
Cooling Method	Forced Air
Fan (No. & Power)	8 Fans

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	Indoor
IP Rating	IP23
Lifting	Handles

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)	35
Length x Width x Height mm	544 x 292 x 584
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

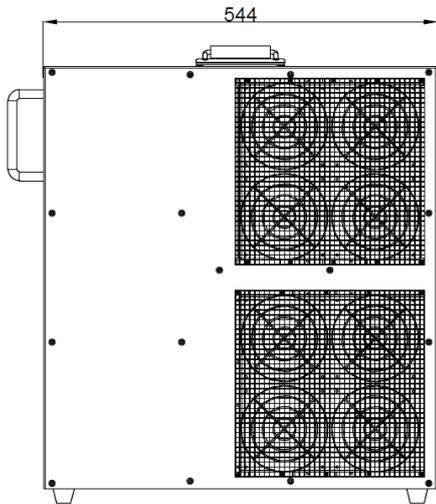
PACKAGING AND TRANSPORT

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

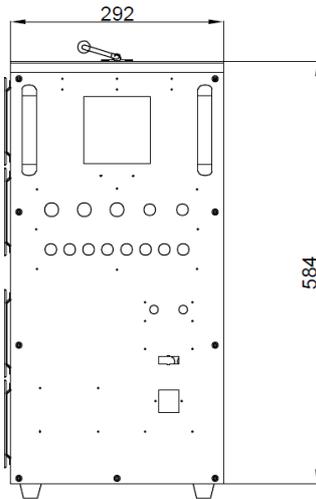


OUTLINE DRAWINGS AND DIMENSIONS

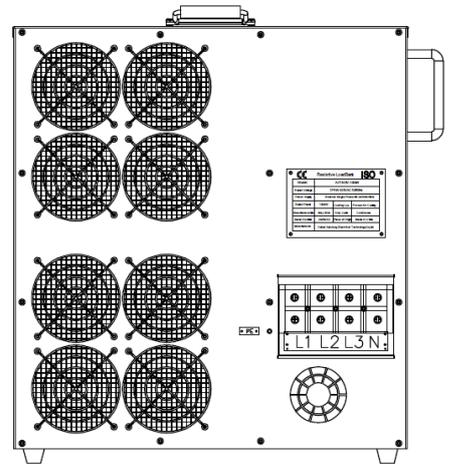
SIDE VIEWS



Right View

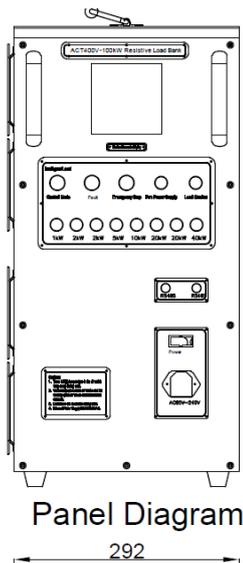


Front View

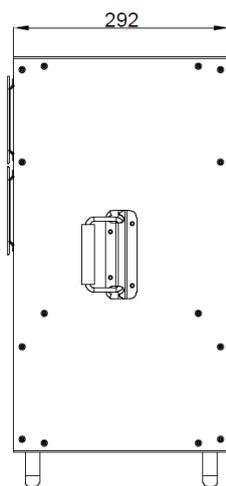


Left View

AERIAL & PANEL VIEW



Panel Diagram



Vertical View

O&OE

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