



Automation for a Changing World

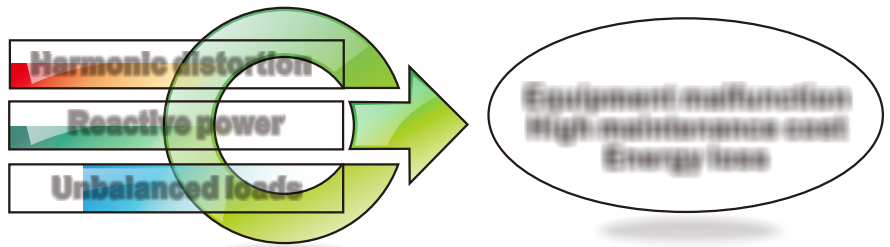
Delta Static Var Generator SVG2000 Series



www.delta.com.tw/ia

 **DELTA**
Smarter. Greener. Together.

■ Power quality has a major influence on power efficiency



■ Advantages of using SVG2000

- Reduce harmonic distortion
- Balance non-linear loads
- Improve power usage efficiency
- Avoid penalties due to low power factor
- Stable power provides stable operation



SVG2000 Design Principal



SVG2000 System Structure



■ APF Power Quality Improvement System

- 7" HMI TFT LCD 65536 Color (800 x 600)
- Real-time and continuous monitoring of grid data and 3-phase wave form
- 100 sets of error records
- Data logging and export
- USB Host and plug-in USB disk
- Supports SD card
- Ethernet monitoring and control



■ Optimized Ventilation Design

- Modular fan design
- Continuous variable transmission (CVT) fan
- Highly efficient heat pipe ventilation system

■ Hardware Modularized Design

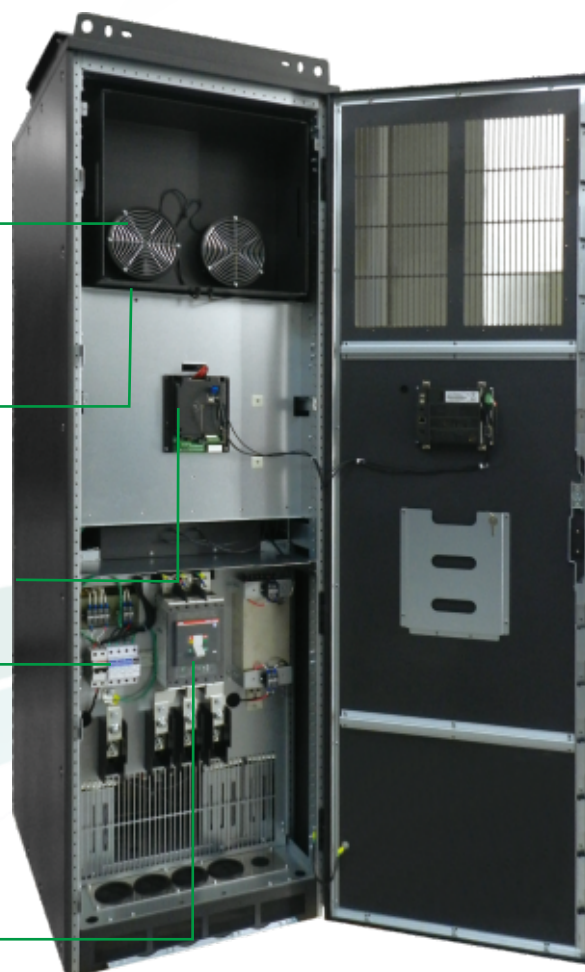
- Easy-to-assemble power factor module
- Digital signal integrated circuit board
- Plug-in capacitance module

■ Digital Signal Processing (DSP) Control

- Filter self diagnosis
- Intensified overloading protection
- Innovative PWM variation technology
- Multi-functional programmable digital input/output terminals

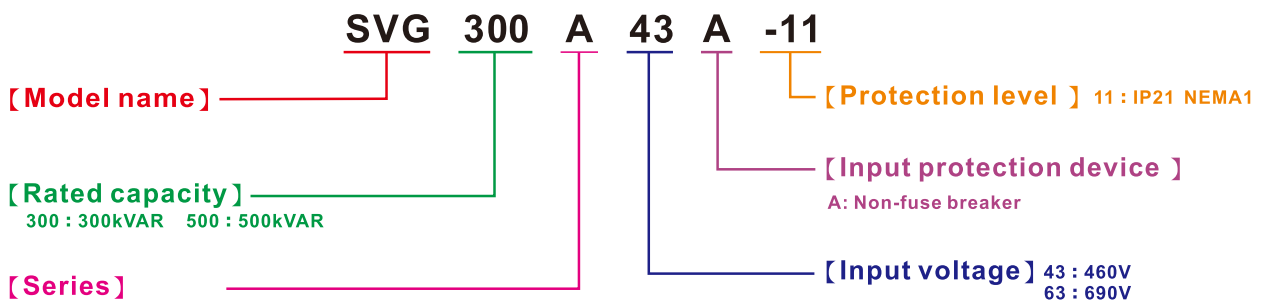
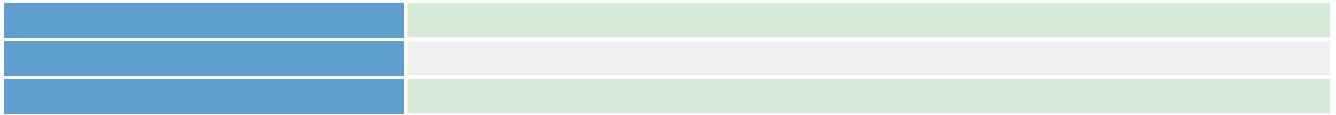
■ Built-in High Voltage Lightning Protection Module

■ Standard Power Input with Hardware Protection



- Improves power factor
- Suppresses harmonics
- Fast response





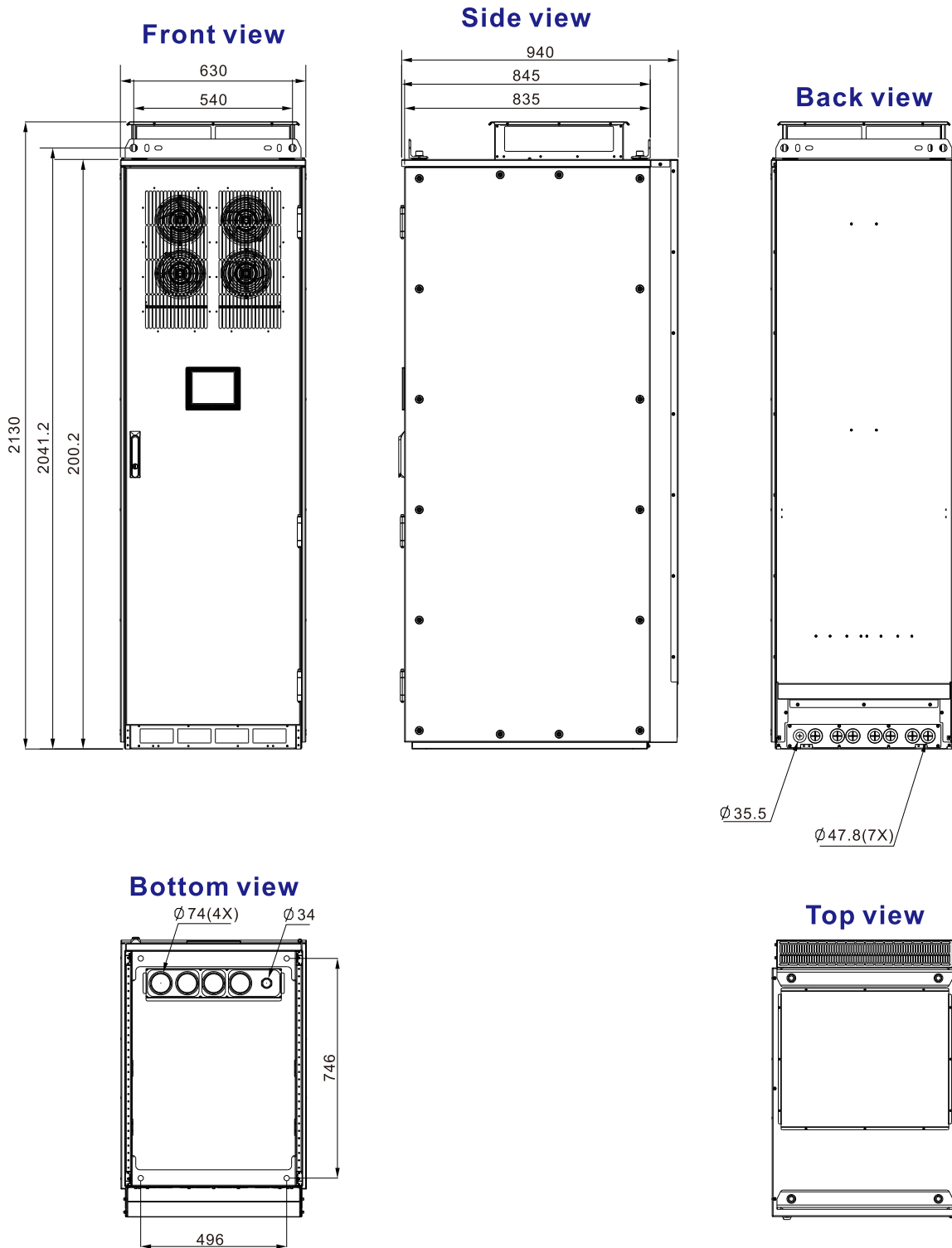
Dimensions

Frame A

MODEL

SVG300A43A-11
SVG300A63A-11

Unit: mm

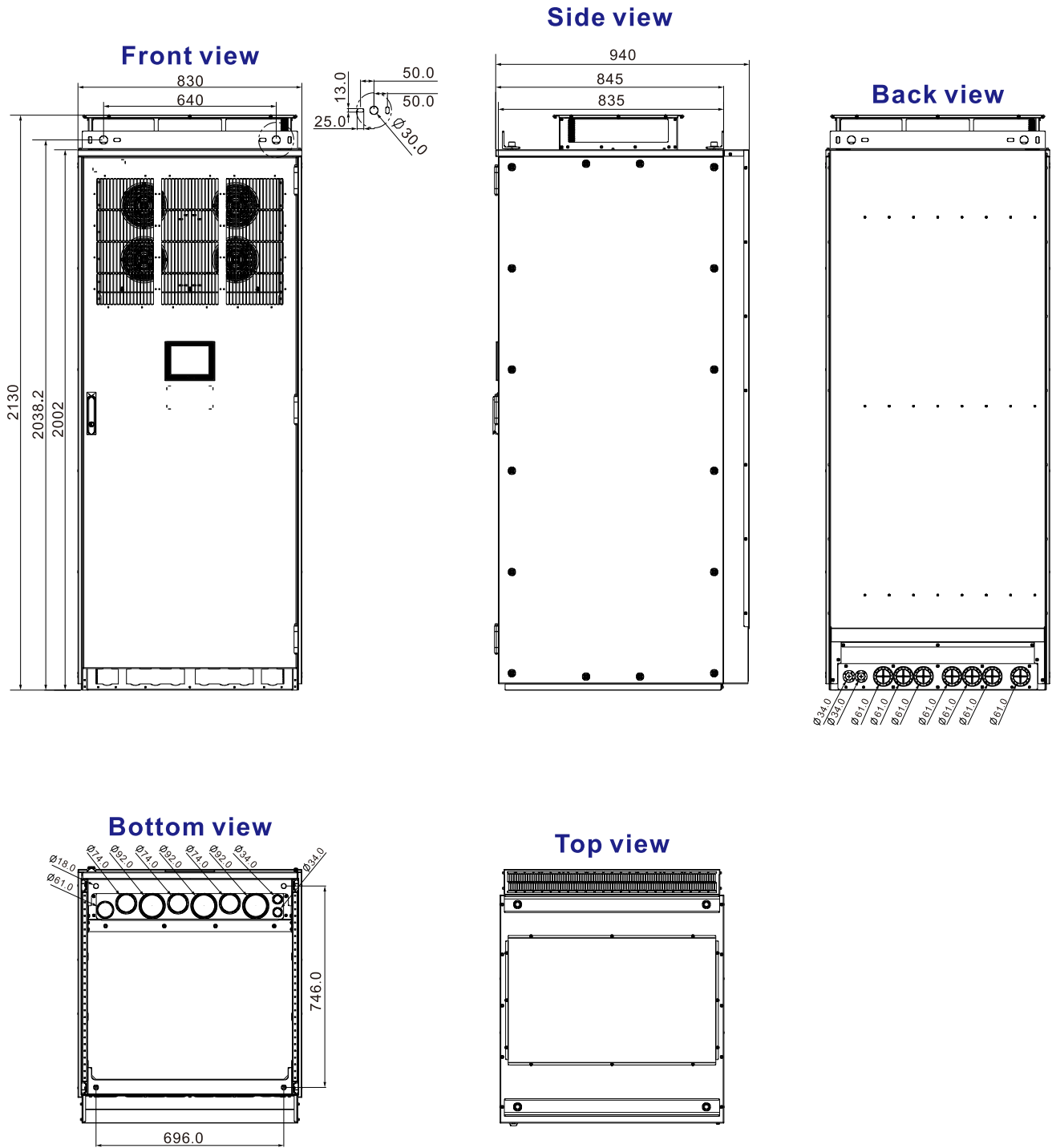


Frame B

MODEL

SVG500A43A-11
SVG500A63A-11

Unit: mm





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Un Mundo en Automatización y Potencia

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