



PRODUCT MANUAL

AC AUTOMATIC VOLTAGE REGULATOR



ECOSHIELD BUILDING



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QUALITY OF LIFE DRIVEN INNOVATIVE GROWTH



Registered Finnish Brand



ECO Series (1000VA-1500VA)

PRODUCT FEATURES

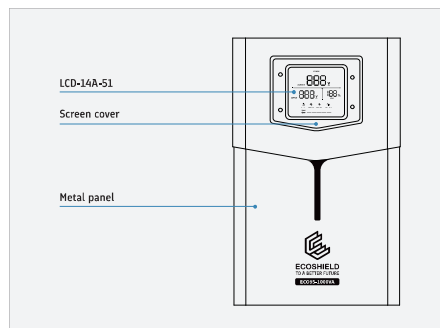
This wall-mounted series offers exceptional adaptability, ensuring reliable performance even in extremely low voltage conditions and highly fluctuating voltage environments. The self-developed high-performance silver contact relay surpasses industry standards in quality and performance, with a lifespan three times longer than regular relays. Equipped with intelligent software featuring six layers of protection and exclusive adaptive spark suppression technology, it maximizes user safety.

PRODUCTS SPECIFICATION

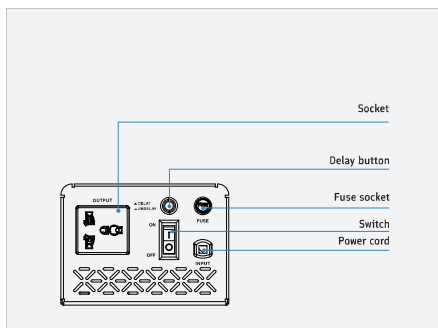


POWER	1000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≈95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	22.5×14.2×11.2
PACKING SIZE(CM)	30.5×15×13.8
PCS/CARTON	4
N.W.(KGS)	3.3
G.W.(KGS)	15

FUNCTION PRESENTATION



FRONT PANEL



BOTTOM



Built-in Intelligent Software, 100% Full Power



APPLICATIONS

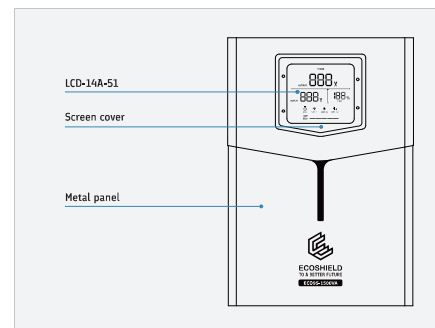
This series is highly versatile, making it ideal for various applications, especially home appliances. Its strong adaptability corrects local power grid distortions, ensuring a stable voltage output and reliable protection for electrical devices.

PRODUCTS SPECIFICATION

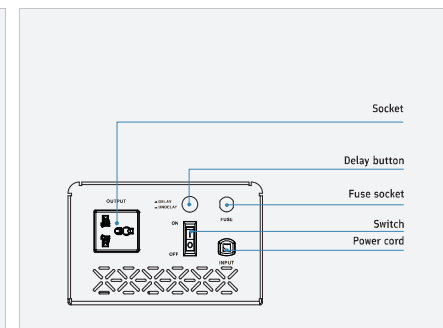


POWER	1500VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≈95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	24.5×16.2×11.2
PACKING SIZE(CM)	32.5×17×13.8
PCS/CARTON	4
N.W.(KGS)	4.2
G.W.(KGS)	19

FUNCTION PRESENTATION



FRONT PANEL



BOTTOM



Built-in Intelligent Software, 100% Full Power

ECO Series (3000VA-5000VA)

PRODUCT FEATURES

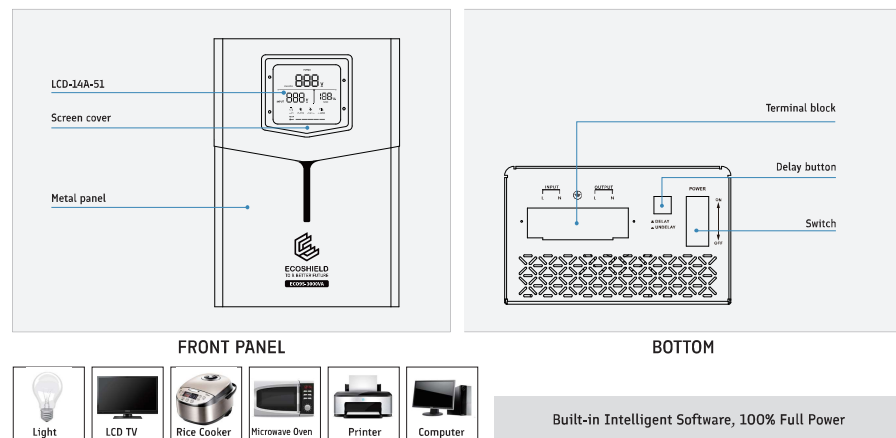
This wall-mounted series offers exceptional adaptability, ensuring reliable performance even in extremely low voltage conditions and highly fluctuating voltage environments. The self-developed high-performance silver contact relay surpasses industry standards in quality and performance, with a lifespan three times longer than regular relays. Equipped with intelligent software featuring six layers of protection and exclusive adaptive spark suppression technology, it maximizes user safety.

PRODUCTS SPECIFICATION



POWER	3000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	33×23×15.8
PACKING SIZE(CM)	38×28×20.5
PCS/CARTON	1
N.W.(KGS)	7.6
G.W.(KGS)	8

FUNCTION PRESENTATION



APPLICATIONS

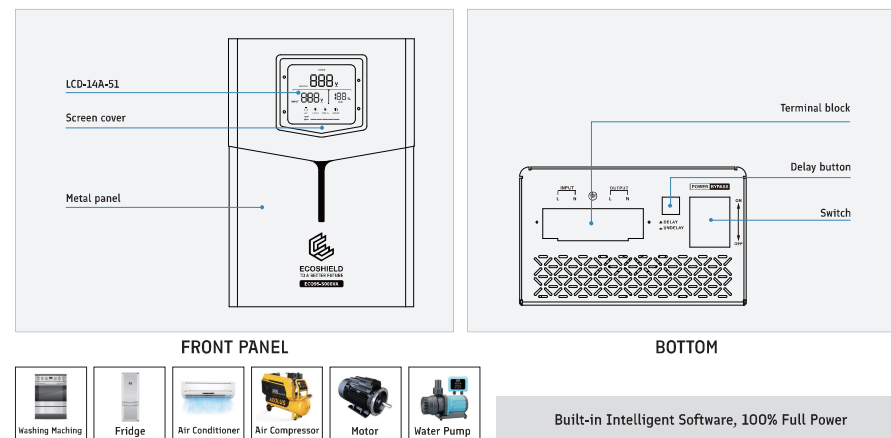
This series is highly versatile, making it ideal for various applications, especially home appliances. Its strong adaptability corrects local power grid distortions, ensuring a stable voltage output and reliable protection for electrical devices.

PRODUCTS SPECIFICATION



POWER	5000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	33×23×15.8
PACKING SIZE(CM)	38×28×20.5
PCS/CARTON	1
N.W.(KGS)	9.4
G.W.(KGS)	9.8

FUNCTION PRESENTATION

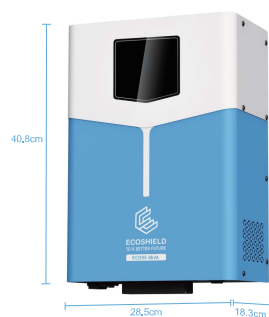


ECO Series (8000VA-10kVA)

PRODUCT FEATURES

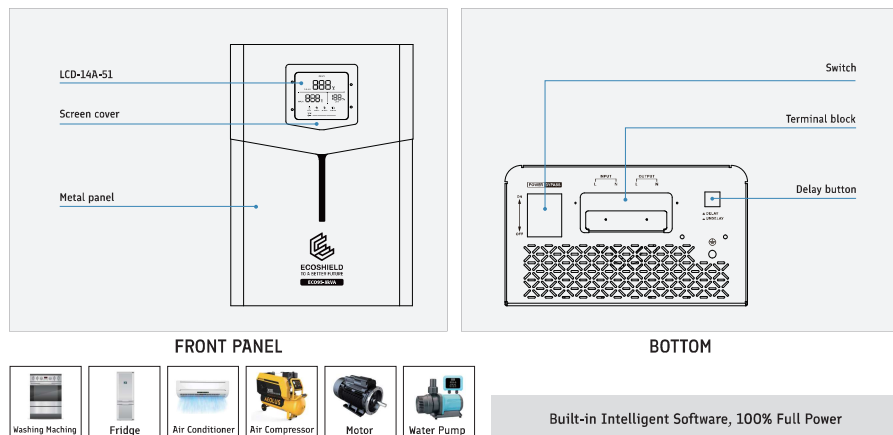
This wall-mounted series offers exceptional adaptability, ensuring reliable performance even in extremely low voltage conditions and highly fluctuating voltage environments. The self-developed high-performance silver contact relay surpasses industry standards in quality and performance, with a lifespan three times longer than regular relays. Equipped with intelligent software featuring six layers of protection and exclusive adaptive spark suppression technology, it maximizes user safety.

PRODUCTS SPECIFICATION



POWER	8000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	40.8×28.5×18.3
PACKING SIZE(CM)	46.2×33.5×23.5
PCS/CARTON	1
N.W.(KGS)	14.8
G.W.(KGS)	15.8

FUNCTION PRESENTATION



APPLICATIONS

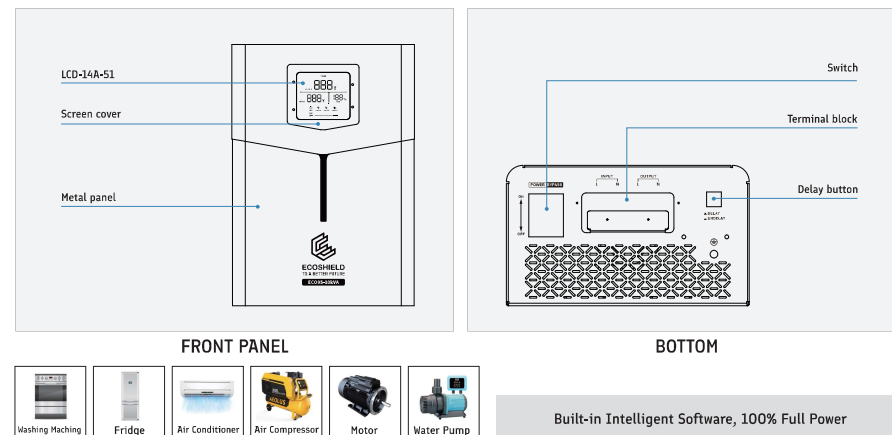
This series is highly versatile, making it ideal for various applications, especially home appliances. Its strong adaptability corrects local power grid distortions, ensuring a stable voltage output and reliable protection for electrical devices.

PRODUCTS SPECIFICATION



POWER	10000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	40.8×28.5×18.3
PACKING SIZE(CM)	46.2×33.5×23.5
PCS/CARTON	1
N.W.(KGS)	16.8
G.W.(KGS)	17.8

FUNCTION PRESENTATION

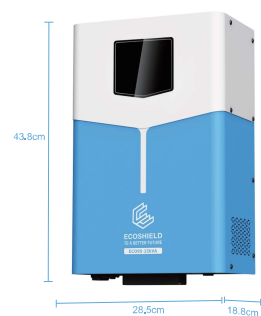


ECO Series (15kVA-20kVA)

PRODUCT FEATURES

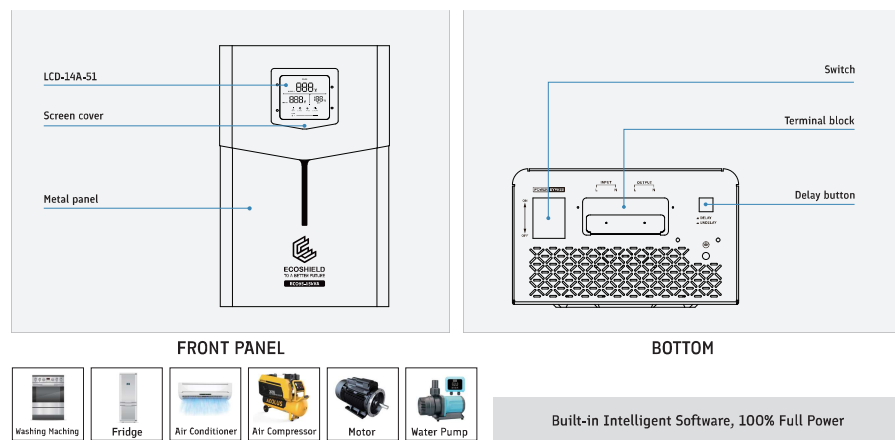
This wall-mounted series offers exceptional adaptability, ensuring reliable performance even in extremely low voltage conditions and highly fluctuating voltage environments. The self-developed high-performance silver contact relay surpasses industry standards in quality and performance, with a lifespan three times longer than regular relays. Equipped with intelligent software featuring six layers of protection and exclusive adaptive spark suppression technology, it maximizes user safety.

PRODUCTS SPECIFICATION



POWER	15000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	43.8×28.5×18.8
PACKING SIZE(CM)	49.2×33.5×24
PCS/CARTON	1
N.W.(KGS)	22
G.W.(KGS)	23.2

FUNCTION PRESENTATION



APPLICATIONS

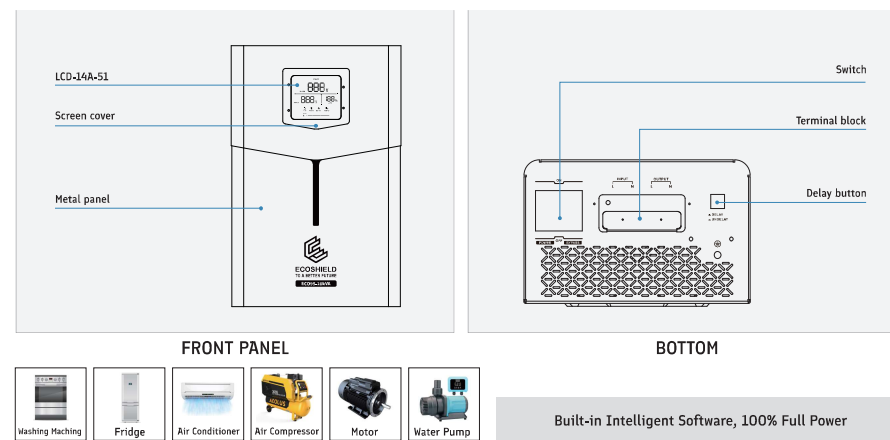
This series is highly versatile, making it ideal for various applications, especially home appliances. Its strong adaptability corrects local power grid distortions, ensuring a stable voltage output and reliable protection for electrical devices.

PRODUCTS SPECIFICATION



POWER	20000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	43.8×28.5×19.8
PACKING SIZE(CM)	49.2×33.5×25
PCS/CARTON	1
N.W.(KGS)	23.9
G.W.(KGS)	25.1

FUNCTION PRESENTATION

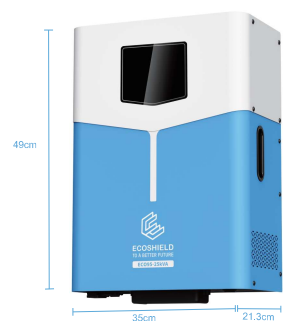


ECO Series (25kVA-30kVA)

PRODUCT FEATURES

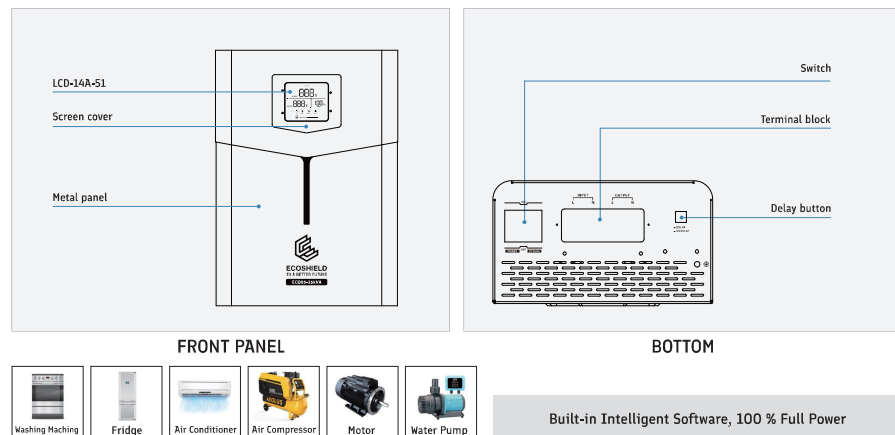
This wall-mounted series offers exceptional adaptability, ensuring reliable performance even in extremely low voltage conditions and highly fluctuating voltage environments. The self-developed high-performance silver contact relay surpasses industry standards in quality and performance, with a lifespan three times longer than regular relays. Equipped with intelligent software featuring six layers of protection and exclusive adaptive spark suppression technology, it maximizes user safety.

PRODUCTS SPECIFICATION



POWER	25000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	49×35×21.3
PACKING SIZE(CM)	54.5×40.5×30
PCS/CARTON	1
N.W.(KGS)	32.8
G.W.(KGS)	37.8

FUNCTION PRESENTATION



APPLICATIONS

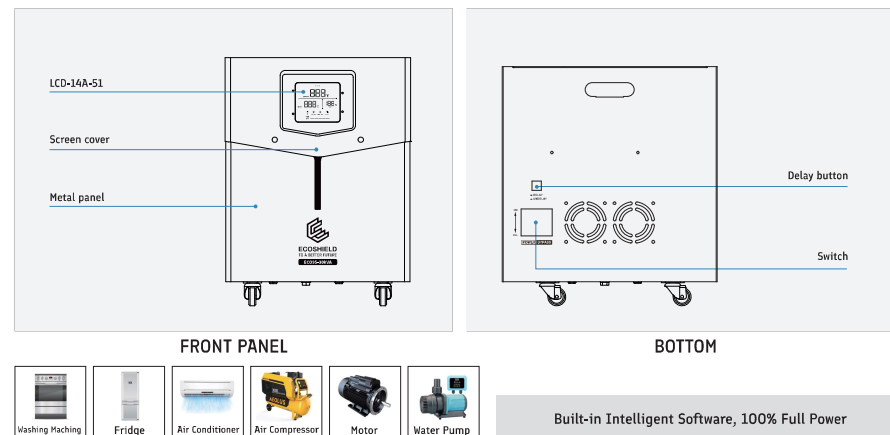
This series is highly versatile, making it ideal for various applications, especially home appliances. Its strong adaptability corrects local power grid distortions, ensuring a stable voltage output and reliable protection for electrical devices.

PRODUCTS SPECIFICATION



POWER	30000VA
INPUT VOLTAGE	AC 95V-270V
OUTPUT VOLTAGE	AC 220V±10% 50Hz
EFFICIENCY	≥95%
DELAY TIME	Short Delay:3-5secs Long delay:3-7mins
PROTECTION	Over Voltage(246V±4V),Overload,High Temperature,Short Circuit
PRODUCT SIZE(CM)	48×44×34.5
PACKING SIZE(CM)	58×49.5×40
PCS/CARTON	1
N.W.(KGS)	41
G.W.(KGS)	49

FUNCTION PRESENTATION





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TO A BETTER FUTURE



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