



VOLTEIQ^{CLVP}™

POWERED BY REALGARD

Voltage, Elevated by Intelligence.

Smart, Centralised Voltage Protection Systems
Built for Modern Homes, Solar Grids, Lifts,
EV Charging & Commercial Infrastructure.



About VOLTEIQ

VOLTEIQ is an intelligent voltage protection and regulation brand, engineered for the realities of modern electrical infrastructure. VOLTEIQ brings intelligence to voltage control through centralised, adaptive, and application-specific solutions. Designed for homes, commercial buildings, solar-connected spaces, lifts, and EV charging systems, VOLTEIQ safeguards entire installations, and not just individual appliances.

Backed by Kessey Technologies, VOLTEIQ brings over 30 years of expertise in power electronics, combining advanced engineering with real-world reliability.

The technology is patented and government-approved in India, proudly Made in India, and rigorously tested and certified by the Government of Kerala's Department of Electrical Inspectorate, ensuring the highest standards of safety and performance.

Every VOLTEIQ system is built for durability and peace of mind, supported by a 2-year product warranty.



The Voltage Problems People Face

Modern electrical systems are no longer stable.

Common Issues:

- High voltage due to solar grid back-feed (260V – 290V)
- Low voltage during peak load hours
- Frequent inverter tripping
- Appliance overheating and reduced lifespan
- Sensitive electronics malfunction
- Lift jerks and control panel errors
- EV charger instability
- Neutral cuts and phase imbalance
- Multiple stabilisers cluttering electrical systems

Voltage fluctuation today is not occasional. It is structural.



How VOLTEIQ Can Help?

VOLTEIQ acts as an intelligent shield between the grid and your building.

VOLTEIQ Solves the Problem by:

- ✓ Continuous voltage sensing
- ✓ Automatic buck/boost correction
- ✓ Centralised protection for entire installation
- ✓ Solar-aware regulation
- ✓ Clean output without distortion
- ✓ Protection from high & low voltage
- ✓ Protection from surges & neutral cuts
- ✓ Phase management (in 3-phase models)

Instead of protecting appliances individually, VOLTEIQ protects the entire ecosystem.

One Device. Complete Stability.



Frequently Asked Questions About VOLTEIQ

Q: Is VOLTEIQ just a stabiliser?

No. It is a Centralised Intelligent Voltage Protection - CIVP® system designed for modern grid realities.

Q: Can I install VOLTEIQ in an already built home?

Yes. Dedicated models are available for existing installations.

Q: Is there a model for new construction projects?

Yes. DB-integrated solutions are available for new buildings.

Q: Does VOLTEIQ work with rooftop solar?

Yes. Solar ABR & AVR models are specifically designed for high-voltage solar grids.

Q: Do I still need individual stabilisers?

No. VOLTEIQ protects the entire installation.

Q: How long does installation take?

Typically 1-2 hours depending on site conditions.

Q: Is it safe for sensitive electronics?

Yes. It provides clean, stable output.

Q: Does it increase electricity consumption?

No. It saves electricity consumption in the long term.

VOLTEIQ HOME SERIES | For Existing Homes

1. VT-EH-SP50 LX

Single Phase | 5 kW

The VT-EH-SP50 LX is a centralised, intelligent voltage protection system-CIVP®, designed specifically for already-constructed homes with single-phase connections, facing high or fluctuating voltage conditions. It safeguards the entire home's electrical system, ensuring stable power supply to air conditioners, lighting, and all connected appliances.

Key Features

- Intelligent voltage monitoring
- Centralised protection for entire home
- Automatic high & low voltage cut-off
- LED display indication
- Designed for single-phase residential supply
- Wall-mounted compact design
- Ideal for retrofit installations
- Protects AC, lighting & all household appliances together



Applications

Existing residences with single-phase connection | Homes with maximum 5 kW load | Ideal load combination: Up to 2 Ton Air Conditioner, Lighting circuits, Single-phase appliances | Maximum 20A load

VOLTEIQ CIVP™
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Parameter	Specification
Model No	VT-EH-SP50 LX
Series	Home Series – Existing Installations
Phase	Single Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	LED Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	30 Seconds
Capacity	5 kW
Maximum Load	20A
Installation Type	Wall Mounting
Application	Existing residences with SP supply

VOLTEIQ HOME SERIES | For Existing Homes

2. VT-EH-TP63 LX

Three Phase | 15kW

The VT-EH-TP63 LX is an intelligent three-phase voltage protection system designed for existing homes with a 3-phase connection and higher power requirements. It protects heavy appliances and sensitive electronics from voltage fluctuations, eliminating the need for multiple stabilisers. Designed for retrofit installations, the VT-EH-TP63 LX integrates seamlessly into existing electrical systems without major modifications.

Key Features

- Intelligent 3-phase voltage monitoring
- Automatic voltage protection
- Centralised protection for entire residence
- Phase imbalance protection
- LED voltage indication
- Designed for high-load residential setups
- Protects ACs, pumps, kitchen appliances & electronics.



Applications

Existing residences with 3-phase connection | Villas and independent houses | Homes with multiple air conditioners | Residences with higher electrical load distribution | Suitable for balanced three-phase installations

VOLTEIQ CVP™
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Parameter	Specification
Model No	VT-EH-TP63 LX
Series	Home Series – Existing Installations
Phase	Three Phase
Working Range (Input)	130-260V A.C
Low Voltage Trip	160V A/C
High Voltage Trip	260V A.C
Indication	Digital Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	8 seconds
Capacity	63A
Installation Type	Wall Mounting
Application	Existing 3P residential supply

VOLTEIQ HOME SERIES | For Existing Homes

3. VT-EH-TP63 VX

Three Phase | 15 kW | 63A

The VT-EH-TP63 VX is a premium 3-phase intelligent voltage protection system designed for high-load existing residences. It offers advanced voltage monitoring, automatic phase management, and dual working range control for lighting and power loads. With digital display, built-in bypass functionality, and 15 kW capacity, the VT-EH-TP63 VX delivers enhanced protection and operational flexibility for 3-phase homes.

Key Features

- Intelligent 3-phase voltage regulation
- Separate working range control for lighting and power circuits
- Real time digital display
- Automatic phase selection
- Voltage trip protection
- Built-in bypass mains switch
- Centralised protection for entire residence
- Recess-mounted double-door enclosure



Applications

Existing residences with 3-phase connection | Villas and independent homes | Homes with multiple air conditioners (up to 4.5 Ton combined) | Residences with heavy three-phase appliance usage | Installations up to 63A maximum load

Parameter	Specification
Model No	VT-EH-TP63 VX
Series	Home Series Existing Installations
Phase Capacity	3 Phase 15 kW
Input Working Range (Lighting)	130 – 290V A.C
Input Working Range (Power)	160 – 260V A.C
Input Low Voltage Trip	130V A.C 160V A.C (LIGHTING) (POWER)
Input High Voltage Trip	290V A.C 260V A.C (LIGHTING) (POWER)
Indication	Digital Display
Automatic Phase Selection	(Lighting only)
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	8 seconds
Installation Type	Recess Mounted – Double Door
Application	Existing 3P residences

VOLTEIQ HOME SERIES | For Existing Homes

4. VT-EH-TP100 VX

Three Phase | 100A | High Load Capacity

The VT-EH-TP100 VX is a high-capacity intelligent voltage protection system designed for large residences with heavy 3-phase electrical loads, operating multiple high-tonnage air conditioners and power-intensive appliances. It offers advanced voltage control with separate working ranges, automatic phase selection for lighting, digital display monitoring, and built-in bypass functionality.

Key Features

- Intelligent 3-phase voltage regulation
- Dual working range control
- Digital display
- Automatic phase selection
- Voltage trip protection
- Built-in bypass mains switch
- Centralised protection
- Designed for heavy-load residential applications
- Recess-mounted double-door enclosure



Applications

Large existing residences with 3-phase connection | Premium villas and high-load homes | Homes running up to 10 Ton AC combined | Installations with heavy three-phase appliances | Maximum 100A load capacity

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Parameter	Specification
Model No	VT-EH-TP100 VX
Series	Home Series – Existing Installations
Phase	Three Phase
Max. Load Rated Current	25 kW 100A
Input Working Range (Lighting)	130 – 290V A.C (Lighting) 160 –290V A.C (Power)
Input Low Voltage Trip (Lighting)	130V A.C 160V A.C (Lighting) (Power)
Input High Voltage Trip (Lighting)	290V A.C 260V A.C (Lighting) (Power)
Indication	Digital Display
Automatic Phase Selection	Provided (Lighting only)
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	8 seconds
Installation Type	Recess Mounted – Double Door
Application	Existing 3P homes up to 25 kW load

VOLTEIQ HOME SERIES| For New Homes

1. VT-NH-SP-12WAY DB-STD

Single Phase | 5 kW | 12-Way DB Integrated

The VT-NH-SP-12WAY DB-STD is a single-phase intelligent voltage protection system designed specifically for new residential constructions. Integrated directly within the distribution board (DB), this model ensures centralised voltage control from the foundation stage of the electrical design. Engineered for homes with up to 5 kW load, it eliminates the need for separate stabilisers and external mounting systems.

Key Features

- CIVEP® integrated into distribution board
- Voltage trip protection
- LED display indication
- Built-in bypass mains switch
- Structured and concealed installation
- Eliminates need for multiple stabilizers
- Protects entire home from voltage fluctuations



Applications

New residential buildings with single-phase connection | Apartments and independent houses under construction | Installations up to 5 kW load | Ideal load configuration: Up to 2 Ton Air Conditioner, Lighting circuits, Single-phase appliances | Maximum 20A load

VOLTEIQ CIVEP™
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Parameter	Specification
Model No	VT-NH-SP-12WAY DB-STD
Series	Home Series – New Installation
Phase	Single Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	LED Display
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	30 seconds
Capacity	5 kW
Maximum Load	20A
Installation Type	Recess Mounted– Double Door
Application	New SP residences up to 5 kW

VOLTEIQ HOME SERIES | For New Homes

2. VT-NH-SP-16WAY DB-STD

Single Phase | 5 kW | 16-Way DB Integrated

The VT-NH-SP-16WAY DB-STD is an integrated voltage protection system designed for new single-phase residential constructions requiring a higher circuit distribution capacity. Built into a 16-way distribution board, this model provides centralised intelligent voltage protection -CIVP® for air conditioners, lighting circuits, and household appliances against voltage fluctuations.

Key Features

- Integrated voltage protection within 16-way distribution board
- Voltage trip protection
- LED display indication
- Built-in bypass mains switch
- Structured recessed installation
- Supports expanded circuit layout
- Centralised protection for entire residence



Applications

New residences with single-phase connection | Homes requiring more circuit distribution (16-way DB) | Installations up to 5 kW load | Suitable Load Configuration: Up to 2 Ton Air Conditioner, Lighting circuits, Single-phase appliances | Maximum 20A load

VOLTEIQ CIVP™
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Parameter	Specification
Model No	VT-NH-SP-16WAY DB-STD
Series	Home Series – New Installation
Phase	Single Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	LED Display
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	30 seconds
Capacity	5 kW
Maximum Load	20A
Installation Type	Recess Mounted – Double Door
Application	New SP residences up to 5 kW

VOLTEIQ HOME SERIES | For New Homes

3. VT-NH-TP-4WAY DB-STD

Three Phase | 15 kW | 4-Way DB Integrated

The VT-NH-TP-4WAY DB-STD is a 3-phase integrated voltage protection system designed for new residential constructions. Built into a 4-way distribution board configuration, it delivers reliable high - low voltage protection across all 3 phases, ensuring stable power delivery to heavy appliances, air conditioners, and lighting circuits, eliminating the need for separate stabilisers.

Key Features

- Centralised 3-phase voltage protection
- Integrated within 4-way distribution board
- Voltage trip protection
- Real time Digital display
- Built-in bypass mains switch
- Clean recessed installation with double-door enclosure
- Protects entire installation from voltage instability



Applications

New residences with 3-phase connection | Villas and independent homes | Installations up to 15 kW load | Suitable for moderate 3-phase power distribution | Suitable Load Configuration: Up to 4.5 Ton Air Conditioner combined, Lighting circuits, Single-phase appliances across phases | Maximum 63A load

Parameter	Specification
Model No	VT-NH-TP-4WAY DB-STD
Series	Home Series – New Installation
Phase	Three Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	8 seconds
Phase Selector	Not Available
Capacity	15 kW
Maximum Load	63A
Installation Type	Recess Mounted – Double Door
Application	New 3P residences up to 15kW

VOLTEIQ HOME SERIES | For New Homes

4. VT-NH-TP-8WAY DB-STD

Three Phase | 15 kW | 8-Way DB Integrated

The VT-NH-TP-8WAY DB-STD is a 3-phase integrated voltage protection system designed for new residential constructions requiring expanded circuit distribution. Built within an 8-way distribution board configuration, it offers centralised voltage protection while allowing greater circuit segmentation for modern electrical layouts.

Key Features

- Centralised 3-phase voltage protection
- Integrated within 8-way distribution board
- Voltage trip protection
- LED display indication
- Built-in bypass mains switch
- Recess-mounted double-door enclosure
- Supports expanded circuit configuration



Applications

New residences with 3-phase connection | Villas and independent homes | Installations up to 15 kW load | Homes requiring broader circuit segmentation | Typical Load Configuration: Up to 4.5 Ton Air Conditioner combined, Lighting circuits, Single-phase appliances distributed across phases | Maximum 63A load

Parameter	Specification
Model No	VT-NH-TP-8WAY DB-STD
Series	Home Series – New Installation
Phase	Three Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	LED Display
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	30 seconds
Phase Selector	Not Available
Capacity	15 kW
Maximum Load	63A
Installation Type	Recess Mounted – Double Door
Application	New 3P residences up to 15 kW

VOLTEIQ HOME SERIES | For New Homes

5. VT-NH-TP-8WAY DB-DLX

Three Phase | 20 kW | Deluxe Variant

The VT-NH-TP-8WAY DB-DLX is a premium 3-phase integrated voltage protection system designed for high-load new residential constructions. This deluxe variant supports higher load capacity while offering digital voltage monitoring and manual phase selection control. Integrated within an 8-way distribution board configuration, it ensures structured power distribution and centralised voltage protection from the foundation stage.

Key Features

- Centralised 3-phase voltage protection
- 8-way integrated distribution board configuration
- Real time Digital display
- Manual phase selection switch
- Voltage trip protection
- Built-in bypass mains switch
- Recess-mounted double-door enclosure
- Concealed installation



Applications

New residences with 3-phase connection | Premium villas and independent houses | Installations up to 20 kW load | Homes with high AC tonnage and heavy appliance usage | Typical Load Configuration: Up to 7 Ton AC combined, Lighting circuits, 3-phase appliances, Maximum 80A load

Parameter	Specification
Model No	VT-NH-TP-8WAY DB-DLX
Series	Home Series – New Installation
Phase	Three Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	Digital Display
Phase Selection	Manual Switch
Bypass Mains Switch	Provided
Turn on delay to protect turn on surges	8 seconds
Capacity	20 kW
Maximum Load	63A
Installation Type	Recess Mounted – Double Door
Application	New 3P residences up to 15 kW

VOLTEIQ HOME SERIES | For New Homes

6. VT-NH-TP-8WAY DB-PRIME

Three Phase | 20 kW | Prime Variant

The VT-NH-TP-8WAY DB-PRIME is the advanced flagship variant in the New Home Series, designed for high-load 3-phase residential installations that demand intelligent automation and superior reliability. Integrated within an 8-way distribution board configuration, this model offers automatic phase selection, digital voltage monitoring, and centralised protection for the entire installation.

Key Features

- Centralised 3-phase voltage protection
- 8-way integrated distribution board configuration
- Real time digital display
- Automatic phase selection
- Voltage trip protection
- Built-in bypass mains switch
- Recess-mounted double-door enclosure



Applications

New residences with 3-phase connection | Premium villas and high-end homes | Installations up to 20 kW load | Homes with multiple high-tonnage AC units | Installations requiring automatic phase continuity | Typical Load Configuration: Up to 7 Ton AC combined, Lighting circuits, 3-phase appliances | Maximum 80A load

Parameter	Specification
Model No	VT-NH-TP-8WAY DB-PRIME
Series	Home Series – New Installation
Phase	Three Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	Digital Display
Phase Selection	Automatic
Bypass Mains Switch	Provided
Turn on delay to protect turn on surges	8 seconds
Capacity	20 kW
Maximum Load	80A
Installation Type	Recess Mounted – Double Door
Application	New 3P residences up to 20 kW

VOLTEIQ HOME SERIES | For New Homes

7. VT-NH-TP-12WAY DB-PRIME

Three Phase | 20 kW | 12-Way Prime Variant

The VT-NH-TP-12WAY DB-PRIME is a high-capacity, intelligently automated voltage protection system designed for premium new residential constructions requiring expanded circuit distribution. Integrated within a 12-way distribution board configuration, this variant combines automatic phase selection, digital monitoring, and centralised voltage protection to deliver uninterrupted and stable power.

Key Features

- Centralised 3-phase voltage protection
- 12-way integrated distribution board configuration
- Real time digital display
- Automatic phase selection
- Voltage trip protection
- Built-in bypass mains switch
- Recess-mounted double-door enclosure



Applications

New residences with 3-phase connection | Large villas and premium homes | Installations requiring broader circuit distribution | Homes with high electrical load demand | Installations up to 20 kW capacity | Typical Load Configuration: Up to 7 Ton AC combined, Lighting circuits, Three-phase appliances | Maximum 80A load

Parameter	Specification
Model No	VT-NH-TP-12WAY DB-PRIME
Series	Home Series – New Installation
Phase	Three Phase
Working Range (Input)	160 – 260V A.C
Low Voltage Trip	160V A.C
High Voltage Trip	260V A.C
Indication	Digital Display
Phase Selection	Automatic
Bypass Mains Switch	Provided
Turn on delay to protect turn on surges	8 seconds
Capacity	20 kW
Maximum Load	80A
Installation Type	Recess Mounted – Double Door
Application	New 3P residences up to 20 kW

VOLTEIQ SolarSafe SERIES | For Solar

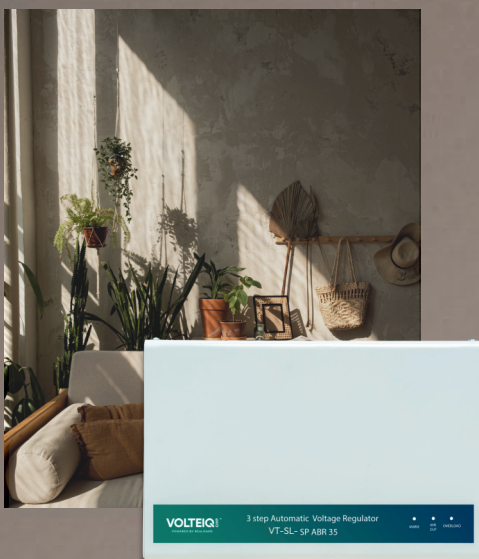
1. VT-SL-SP- ABR 35

Single Phase Automatic Buck Voltage Regulator | 3.5 kW

The VT-SL-SP-ABR 35 is a single-phase Automatic Buck Regulator designed for solar-connected homes and offices experiencing elevated grid voltage levels. This model automatically activates its buck mode when voltage exceeds safe thresholds, reducing high input voltage to stable levels and protecting connected loads. Compact, efficient, and wall-mounted, this model is ideal for installations up to 3.5 kW.

Key Features

- Automatic Buck voltage regulation
- Specifically designed for solar voltage rise conditions
- Buck mode activation between >250V to 290V
- Voltage trip protection
- LED display indication
- Compact wall-mounted design
- Protects entire connected load



Applications

Solar-connected single-phase residences | Small offices with rooftop solar systems | Existing installations up to 3.5 kW load | Suitable Load Example: Lighting circuits, Air conditioner (within capacity limit), Household appliances | Total load up to 3.5 kW

Parameter	Specification
Model No	VT-SL-SP-ABR 35
Series	Solar Series
Phase	Single Phase
Working Range (Input)	140 – 290V A.C
Low Voltage Trip (Input)	140V A.C
High Voltage Trip (Input)	290V A.C
Buck Mode Activation	>250V – 290V
Indication	LED Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	60 seconds
Capacity	3.5 kW
Regulation Type	Automatic Buck
Installation Type	Wall Mounting
Application	Single-phase solar installations up to 3.5 kW

VOLTEIQ SolarSafe SERIES | For Solar

2. VT-SL-SP- ABR 50

Single Phase Automatic Buck Voltage Regulator | 5 kW

The VT-SL-SP-ABR 50 is an advanced single-phase voltage regulator designed for solar-connected homes and offices facing elevated voltage conditions. This model automatically activates its buck mode when voltage exceeds safe thresholds, reducing high input voltage to stable levels and protecting connected loads. Compact, efficient, and wall-mounted, this model is ideal for installations up to 5kW.

Key Features

- Automatic Buck voltage regulation
- Designed for solar-connected grid environments
- Buck mode activation between >250V – 290V
- Voltage trip protection
- LED display indication
- Compact wall-mounted design
- Protects entire connected load
- Ideal for retrofit solar installations



Applications

Solar-connected single-phase residences | Offices with rooftop solar systems | Existing installations up to 5 kW load | Suitable Load Example: Air conditioners within load limit, Lighting circuits, Household appliances | Total load up to 5 kW

Parameter	Specification
Model No	VT-SL-SP-ABR 50
Series	Solar Series
Phase	Single Phase
Working Range (Input)	140 – 290V A.C
Low Voltage Trip	140V A.C
High Voltage Trip	290V A.C
Buck Mode Activation	>250V – 290V
Indication	LED Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	60 seconds
Capacity	5 kW
Regulation Type	Automatic Buck
Installation Type	Wall Mounting
Application	SP solar residences/offices up to 5 kW

VOLTEIQ SolarSafe SERIES | For Solar

3. VT-SL-SP- AVR 50

Single Phase Automatic Boost & Buck Voltage Regulator | 5 kW

The VT-SL-SP-AVR 50 is an advanced single-phase voltage regulator designed for solar-connected homes and offices facing both voltage rise and drop conditions. Unlike conventional regulators that respond only to high voltage, the VT-SL-SP-AVR 50 intelligently manages both scenarios, ensuring stable output throughout fluctuating solar generation cycles.

Key Features

- Automatic Boost & Buck voltage regulation
- Designed for solar-connected grid environments
- Boost mode activation < 220V
- Buck mode activation between >250V – 290V
- Voltage trip protection
- LED display indication
- Compact wall-mounted design
- Protects entire connected load



Applications

Solar-connected single-phase residences | Offices with rooftop solar systems | Existing installations up to 5 kW load | Suitable Load Example: Air conditioners within load limit, Lighting circuits, Household appliances | Total load up to 5 kW

Parameter	Specification
Model No	VT-SL-SP- AVR 50
Series	Solar Series
Phase	Single Phase
Working Range (Input)	140 – 290V A.C
Low Voltage Trip	140V A.C
High Voltage Trip	290V A.C
Boost Mode Activation	<220V
Buck Mode Activation	>250V – 290V
Indication	LED Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	60 seconds
Capacity	5 kW
Regulation Type	Automatic Boost & Buck
Installation Type	Wall Mounting
Application	SP solar residences/offices up to 5 kW

VOLTEIQ EVGaurd SERIES | For EV Cars

1. VT-EV-SP- AVR 50

Single Phase Automatic Boost & Buck Voltage Regulator | 5 kW

The VT-EV-SP-AVR 50 is a dedicated single-phase Automatic Voltage Regulator engineered specifically for EV car charging systems and single-phase lift applications. EV chargers demand consistent voltage stability to ensure safe charging cycles, battery protection, and uninterrupted performance. The VT-EV-SP-AVR 50 automatically manages both high and low voltage conditions, maintaining a stable supply for reliable EV charging.

Key Features

- Designed for EV car chargers
- Suitable for single-phase lift applications
- Automatic Boost & Buck voltage regulation
- Voltage trip protection
- LED display indication
- Protects charger electronics from voltage instability
- Ensures safe and efficient charging cycles



Applications

Residential/ Office EV car charging stations | Single-phase lift systems | Existing installations up to 5 kW load | Suitable Load Example: EV wall charger, Small lift system, Supporting lighting circuits within capacity

Parameter	Specification
Model No	VT-EV-SP-AVR 50
Series	EV Series
Phase	Single Phase
Working Range (Input)	150 – 290V A.C
Low Voltage Trip	150V A.C
High Voltage Trip	260V A.C
Indication	LED Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	60 seconds
Capacity	5 kW
Regulation Type	Automatic Boost & Buck
Installation Type	Wall Mounting
Application	SP EV charger / SP lift up to 5 kW

VOLTEIQ EVGaurd SERIES | For EV Cars

2. VT-EV-SP- AVR 100

Single Phase Automatic Boost & Buck Voltage Regulator | 10 kW

The VT-EV-SP-AVR 100 is a high-capacity single-phase Automatic Voltage Regulator designed for demanding EV charging installations and single-phase lift systems. As EV adoption increases, higher-capacity chargers require stable and uninterrupted voltage to ensure safe and optimised performance, and long equipment life. This model automatically corrects both voltage drops and surges, maintaining a consistent power supply.

Key Features

- Designed for high-capacity EV chargers
- Suitable for single-phase lift applications
- Automatic Boost & Buck voltage regulation
- Voltage trip protection
- LED display indication
- Heavy-duty floor-mounted design
- Protects charging infrastructure from voltage



Applications

High-capacity residential / commercial EV chargers | Single-phase lift systems | Existing installations up to 10 kW load | Suitable Load Example: High-speed EV wall charger, Single-phase lift system, Supporting auxiliary electrical circuits within capacity

Parameter	Specification
Model No	VT-EV-SP-AVR 100
Series	EV Series
Phase	Single Phase
Working Range (Input)	150 – 290V A.C
Low Voltage Trip (Input)	150V A.C
High Voltage Trip (Input)	290V A.C
Indication	LED Display
Bypass Mains Switch	Not Available
Turn on delay to protect turn on surges	60 seconds
Capacity	10 kW
Regulation Type	Automatic Boost & Buck
Installation Type	Floor Mounting
Application	Single-phase EV charger / SP lift up to 10 kW

VOLTEIQ LIFTGaurd SERIES | For Lifts

1. VT-LF-TP AVR 100

Three Phase Automatic Voltage Regulator | 10 kW Capacity

The VT-LF-TP-AVR 100 is a 3-phase Automatic Voltage Regulator engineered for lift systems requiring stable and uninterrupted power supply. Lift operations are highly sensitive to voltage fluctuations. Sudden voltage drops or surges can lead to jerky movement, controller faults, or unexpected shutdowns. This model ensures consistent voltage regulation, protecting lift panels, motors, and drive systems from instability.

Key Features

- Designed specifically for 3-phase lift systems
- Automatic 3-phase voltage regulation
- Voltage trip protection
- Digital display for real-time voltage monitoring
- Built-in bypass mains switch
- Protects lift control panels and motors
- Ensures smooth and stable lift operation



Applications

Three-phase passenger lifts | Residential apartment buildings | Commercial establishments | Lift systems up to 6 passengers | Installations up to 10 kW load

Parameter	Specification
Model No	VT-LF-TP-AVR 100
Series	Lift Series
Phase	Three Phase
Working Range (Input)	350 – 450V A.C
Low Voltage Trip (Input)	350V A.C
High Voltage Trip (Input)	450V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	60 seconds
Capacity	10 kW
Application	Three-phase lift up to 6 passengers

VOLTEIQ LIFTGaurd SERIES | For Lifts

2. VT-LF-TP AVR 150

Three Phase Automatic Voltage Regulator | 15 kW

The VT-LF-TP-AVR 150 is a heavy-duty 3-phase Automatic Voltage Regulator engineered for high-capacity lift systems in residential towers and commercial buildings. Lift motors and control panels require stable 3-phase voltage to ensure smooth acceleration, deceleration, and safe passenger movement. This model automatically regulates voltage fluctuations, protecting lift systems from unstable voltage conditions.

Key Features

- Designed for high-capacity 3-phase lift systems
- Automatic 3-phase voltage regulation
- Voltage trip protection
- Real time digital display
- Built-in bypass mains switch
- Protects lift motors and control panels
- Ensures smooth and uninterrupted lift movement



Applications

Three-phase passenger lifts | Mid to high-rise residential buildings | Commercial establishments | Lift systems up to 12 passengers | Installations up to 15 kW load

Parameter	Specification
Model No	VT-LF-TP-AVR 150
Series	Lift Series
Phase	Three Phase
Working Range (Input)	350 – 450V A.C
Low Voltage Trip (Input)	350V A.C
High Voltage Trip (Input)	450V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Turn on delay to protect turn on surges	60 seconds
Capacity	15 kW
Application	Three-phase lift up to 12 passengers

VOLTEIQ | For Domestic Use

3. VT-LF-TP AVR 200

Three Phase Automatic Boost & Buck Voltage Regulator | 20 kW

The VT-LF-TP-AVR 200 is a high-capacity 3-phase Automatic Boost & Buck Voltage Regulator designed for homes requiring superior voltage correction. Built for domestic use operations, this model ensures continuous voltage stabilisation by automatically correcting both low and high voltage conditions. It safeguards lift motors, drives, and panels by delivering stable output under varying grid conditions.

Key Features

- Designed for high-load 3-phase homes
- Automatic Boost & Buck voltage regulation
- Voltage trip protection
- Real time digital display
- Built-in bypass mains switch
- Protects appliances for domestic use.
- Ensures smooth, uninterrupted lift movement



Applications

Three-phase domestic systems | High-rise residential towers | Commercial complexes | Buildings requiring 20 kW domestic load capacity | Installations requiring full Boost & Buck correction

Parameter	Specification
Model No	VT-LF-TP-AVR 200
Series	Lift Series
Phase	Three Phase
Working Range (Input)	150 – 290V A.C*
Low Voltage Trip (Input)	150V A.C
High Voltage Trip (Input)	290V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Capacity	20 kW
Regulation Type	Automatic Boost & Buck
Application	Three-phase lift up to 20 kW load

VOLTEIQ VRFGaurd SERIES | For ACs

1. VT-VRF-TP100

Three Phase Automatic Boost & Buck Voltage Regulator | 10A

The VT-VRF-TP100 is a dedicated three-phase voltage protection solution designed for large air conditioning systems.

VRF systems are highly sensitive to voltage fluctuations, phase imbalance, and power instability. The VT-VRF-TP100 ensures stable and protected power supply, safeguarding your air conditioning infrastructure from electrical risks.

Key Features

- Designed specifically for large AC systems
- 3-phase voltage protection
- High & low voltage trip protection
- Real-time digital display
- Built-in bypass mains switch
- Protects compressors and control systems
- Ensures stable and uninterrupted cooling performance



Applications

VRF air conditioning systems | Centralized air conditioning units |
Commercial buildings and offices | Residential high-end HVAC systems |
Installations up to 10A capacity

Parameter	Specification
Model No	VT-VRF-TP 100
Series	AC Series
Phase	Three Phase
Working Range (Input)	350 – 450V A.C
Low Voltage Trip (Input)	350V A.C
High Voltage Trip (Input)	450V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Maximum Load	10A
Application	VRF AC Systems

VOLTEIQ VRFGaurd SERIES | For ACs

2. VT-VRF-TP150

Three Phase Automatic Boost & Buck Voltage Regulator | 15A

The VT-VRF-TP150 is engineered to provide advanced voltage protection for mid-capacity VRF and air conditioning systems. Fluctuating voltage levels can compromise compressor performance and lead to costly downtime. This model ensures stable voltage conditions, extending equipment life and maintaining consistent cooling output across demanding environments.

Key Features

- Optimised for mid-capacity VRF systems
- Three-phase voltage protection
- High & low voltage trip protection
- Digital display for monitoring
- Built-in bypass mains switch
- Enhances system reliability and lifespan.



Applications

Large VRF air conditioning systems | Commercial complexes and malls | Industrial HVAC setups | High-load cooling environments | Installations up to 20A capacity

Parameter	Specification
Model No	VT-VRF-TP150
Series	AC Series
Phase	Three Phase
Working Range (Input)	350 – 450V A.C
Low Voltage Trip (Input)	350V A.C
High Voltage Trip (Input)	450V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Maximum Load	15A
Application	VRF AC Systems

VOLTEIQ VRFGaurd SERIES | For ACs

3. VT-VRF-TP200

Three Phase Automatic Boost & Buck Voltage Regulator | 20A

The VT-VRF-TP200 is a high-capacity three-phase voltage protection system built for large-scale VRF and HVAC installations. In high-demand environments, consistent voltage is critical to maintaining uninterrupted cooling. This model ensures protection against extreme voltage fluctuations while supporting high-load systems, making it ideal for commercial complexes and large buildings.

Key Features

- Designed for high-capacity VRF systems
- 3-phase voltage protection
- High & low voltage trip protection
- Real-time digital display
- Built-in bypass mains switch
- Protects compressors and HVAC systems
- Ensures uninterrupted cooling in high-load environments



Applications

Large VRF air conditioning systems | Commercial complexes and malls | Industrial HVAC setups | High-load cooling environments | Installations up to 20A capacity

Parameter	Specification
Model No	VT-VRF-TP 200
Series	AC Series
Phase	Three Phase
Working Range (Input)	350 – 450V A.C
Low Voltage Trip (Input)	350V A.C
High Voltage Trip (Input)	450V A.C
Indication	Digital Display
Bypass Mains Switch	Available
Maximum Load	20A
Application	VRF AC Systems

Electricity has evolved.

Grids are no longer predictable.

Solar, EVs, and urban load dynamics demand smarter protection.

VOLTEIQ is not just a product. It is a future-ready voltage intelligence system designed to protect buildings, infrastructure, and investments.

Smart Voltage Control.

Built for Today. Ready for Tomorrow.

VOLTEIQ CIVP™
POWERED BY REALGARD



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