



PRODUCT CATALOGUE

AC Voltage Stabilizers • Main Line Stabilizers • DJ Voltage Stabilizers

90-300 V INPUT RANGE AVAILABLE | On applicable models



Naresh Kumar
Managing Director

“ Our mission is to deliver dependable voltage protection solutions with quality, trust, and long-term performance. ”

AC SERIES AVAILABLE
3 kVA | 4 kVA | 5 kVA

MAIN LINE SERIES AVAILABLE
0.5 kVA - 12 kVA

DJ SERIES AVAILABLE
5 kVA - 12 kVA



An ISO 9001:2015
Certified Company



A B Electronics

A-55, Sector-6, Noida, Gautam Buddha Nagar, Uttar Pradesh, 201301

GSTIN: 09AHMPK8747K1Z1

3 YEARS TRANSFORMER | 2 YEARS OTHER PARTS

sales@o1estep.com | supports@o1estep.com | o1estep.com



Director's Message

 **Power Up with Confidence**

Our mission is to deliver dependable voltage protection solutions with quality, trust, and long-term performance.

Naresh Kumar

Managing Director

The journey of A B Electronics began with determination, hard work, and a deep understanding of customer needs. Mr. Naresh Kumar, originally from Balasore, Odisha, came to Noida nearly 38 years ago and built the business step by step through dedication and technical expertise.

Today, O1e Step stands for reliable AC voltage stabilizers, main line stabilizers, and DJ voltage stabilizers designed for Indian voltage conditions. Every product reflects our commitment to performance, durability, and customer satisfaction.



PRODUCT CATEGORIES

AC STABILIZER SERIES AVAILABLE

MAIN LINE SERIES AVAILABLE

DJ SERIES AVAILABLE

AC | Main Line | DJ Voltage Stabilizers

3 kVA: 1 ton | 4 kVA: 1.5 ton | 5 kVA: 2 ton

0.5 kVA - 12 kVA

5 kVA - 12 kVA

ISO 9001:2015 Certified Company | Make in India

FIND YOUR STABILIZER

Choose by application, then check the model specifications



AC VOLTAGE STABILIZERS

ABW-4090 | ABW-4110 | ABW-4130
ABW-4140 | ABW-4150 | ABW-4170

AC series: 1 ton | 1.5 ton | 2 ton

For air conditioners | Pages 4-9



DUAL PHASE AC STABILIZERS

ABWDP-4170 | ABWDP-4140

Dual-phase AC applications | Pages 10-11



MAIN LINE STABILIZERS

ABW-5140 / ABML-5140 | ABML-10130
ABW-5090 / ABML-5090 | ABWDP-10170
ABW-DP-10140

Main line applications | Pages 12-16



DJ VOLTAGE STABILIZER

ABDJ-5130
ABDJ2-5130 / ABDJ2-5190

DJ series: 5-12 kVA | 8, 10 & 12 kVA options

DJ and professional audio | Pages 17-18

RANGE ADVANTAGES

AC: display + cut-off + delay | Mainline: MCB; bypass on listed models

DJ: manual control + connection options | Selection guide p20; contacts p21

ABW-4170

AC Voltage Stabilizer



Digital AC voltage stabilizer designed for one air conditioner up to 1.5 ton.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	170 V-250 V ($\pm 4\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	6 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View

Side View

Rear / Base

Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-4150

AC Voltage Stabilizer



Digital AC voltage stabilizer for locations where the input supply begins around 150 V.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	150 V-290 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	6 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-4140

AC Voltage Stabilizer



Digital AC stabilizer for installations requiring a 140 V lower input-range model.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	140 V-290 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	6 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-4130

AC Voltage Stabilizer



Digital AC stabilizer with an 8 Amp output-current specification and 130 V lower input range.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	130 V-275 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	8 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View

Side View

Rear / Base

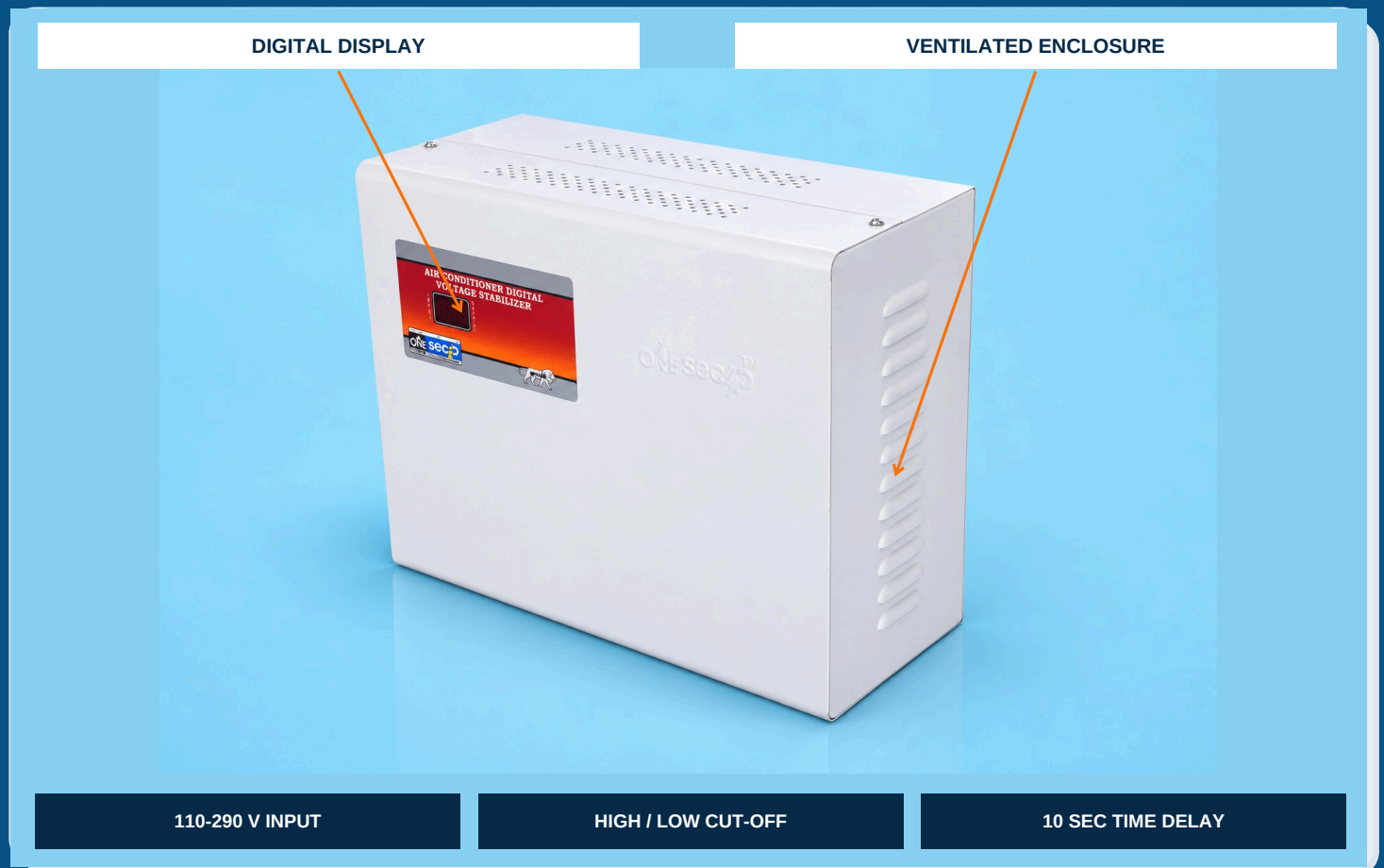
Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-4110

AC Voltage Stabilizer



Wide-input AC stabilizer with 8 Amp output-current rating and a 110 V lower input range.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	110 V-290 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	8 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View



Side View



Rear / Base



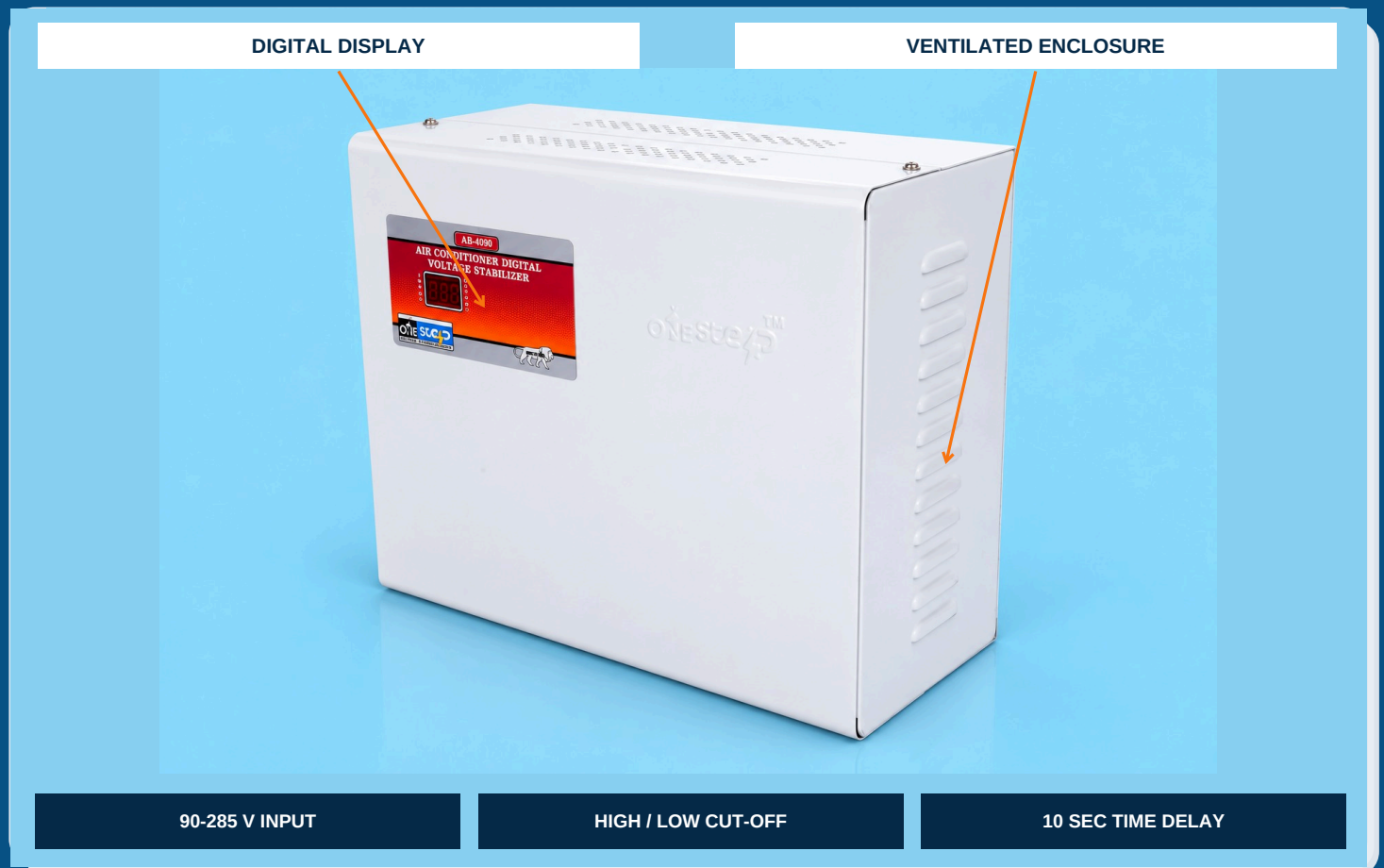
Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-4090

AC Voltage Stabilizer



Digital AC stabilizer specified for sites where the supply can fall to approximately 90 V.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	90 V-285 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	8 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View



Side View



Rear / Base



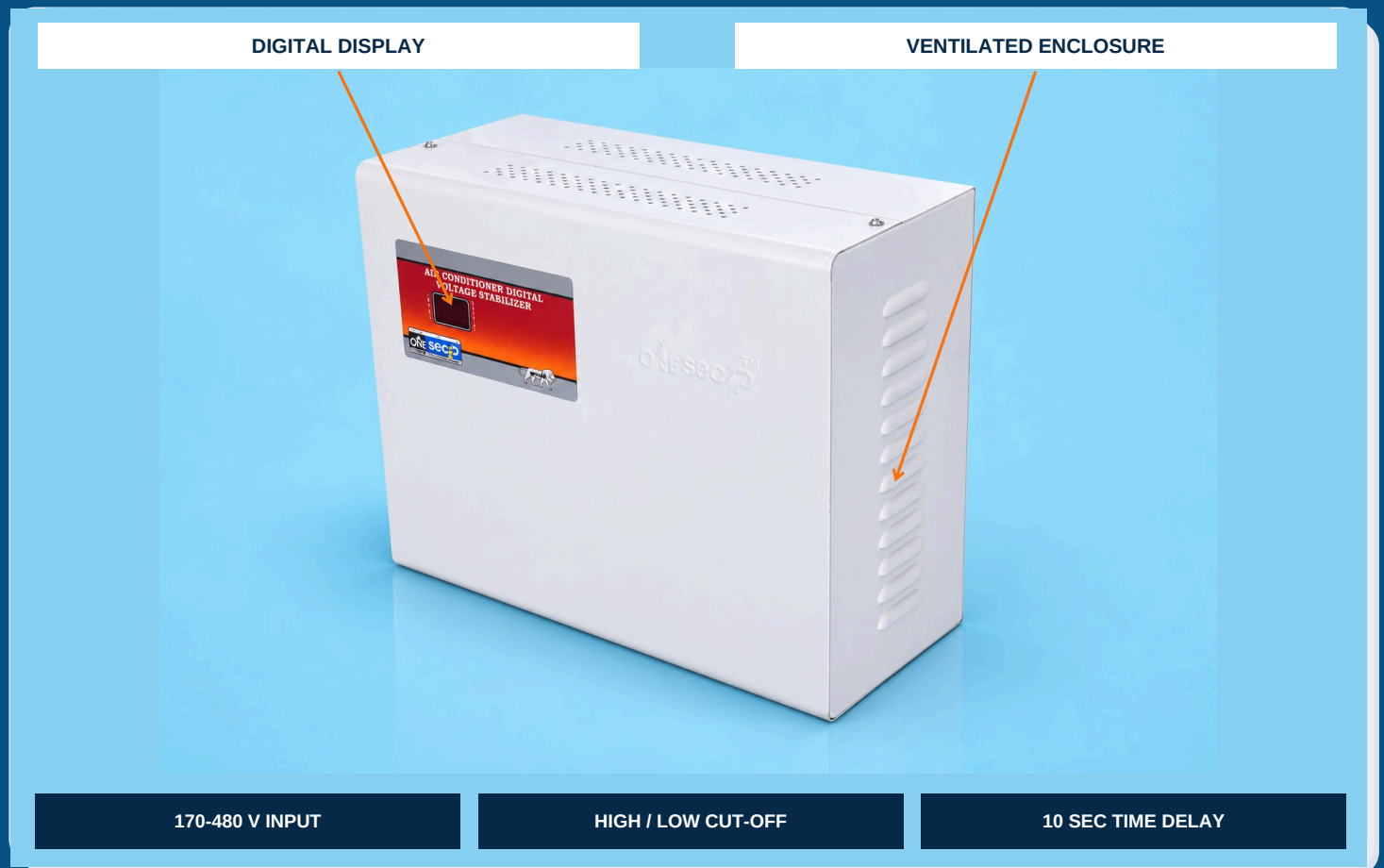
Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABWDP-4170

Dual Phase AC Stabilizer



Dual-phase AC voltage stabilizer with a wider input-voltage span for one AC up to 1.5 ton.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	170 V-480 V ($\pm 4\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	8 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View



Side View



Rear / Base



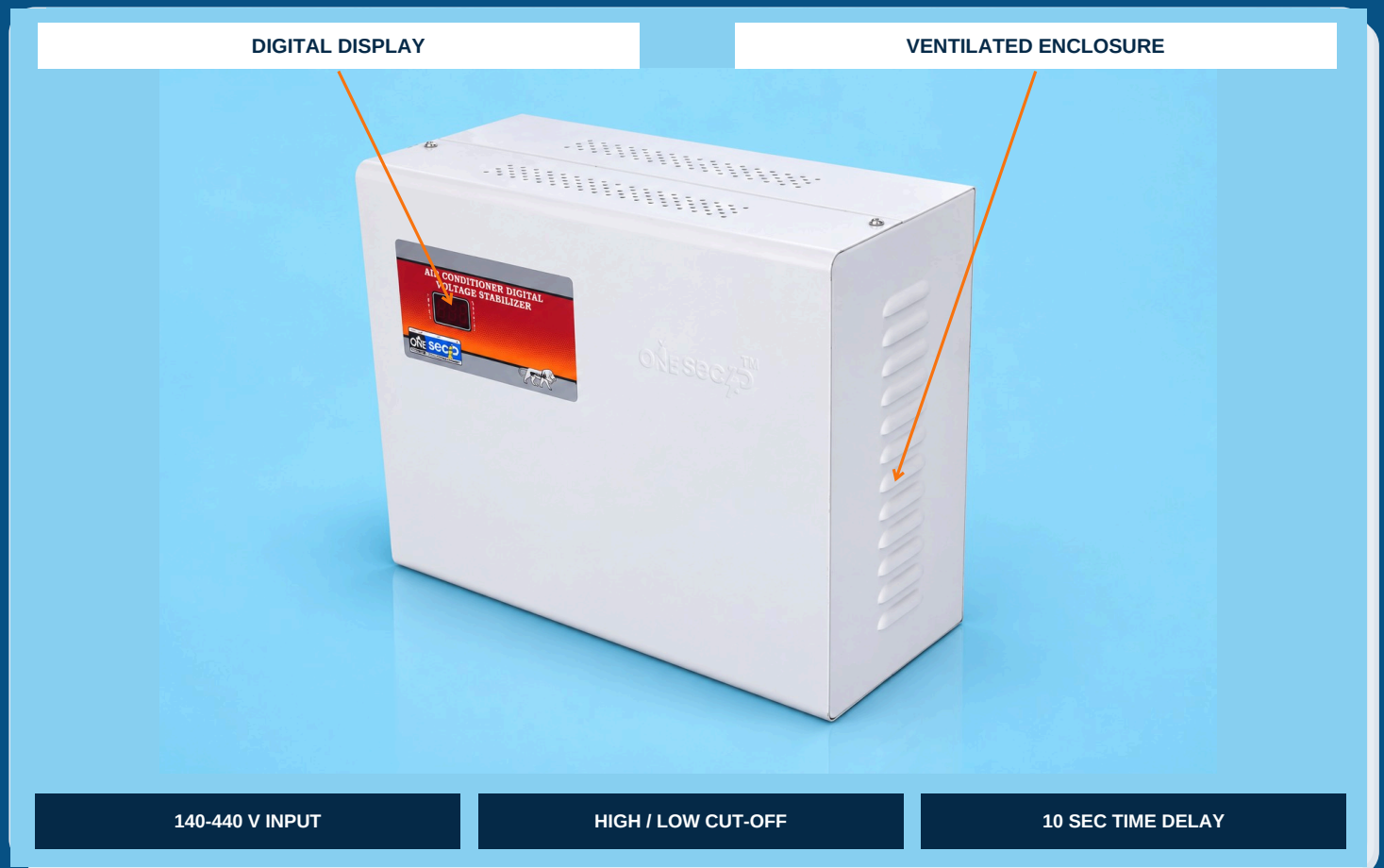
Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABWDP-4140

Dual Phase AC Stabilizer



Dual-phase AC voltage stabilizer with a lower input range beginning at 140 V.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	140 V-440 V ($\pm 4\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	8 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	One AC up to 1.5 ton only

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Use for one AC up to 1.5 ton only. • Select according to the actual minimum site voltage. • Installation by a qualified technician.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-5140 / ABML-5140

Main Line Voltage Stabilizer



Digital main line 5 kVA stabilizer with double MCB and bypass configuration.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	140 V-290 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	18 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR / Protection	10 sec / Double MCB with bypass
Capacity	Main line 5 kVA only

PRODUCT VIEWS



Front View

Side View

Rear / Base

Perspective

Main line 5 kVA only. • Calculate the connected load before selection. • Use the stated MCB and bypass configuration.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABML-10130

Main Line Voltage Stabilizer

MCB / BYPASS

VENTILATED ENCLOSURE



130-275 V INPUT

HIGH / LOW CUT-OFF

10 SEC TIME DELAY

Main line 10 kVA stabilizer for a 130 V-275 V input supply range.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	130 V-275 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	40 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR / Protection	10 sec / Double MCB with bypass
Capacity	Main line 10 kVA only

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Main line 10 kVA only. • Calculate the connected load before selection. • Use the stated MCB and bypass configuration.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABW-5090 / ABML-5090

Main Line Voltage Stabilizer



Digital wide-input main line 5 kVA stabilizer with double MCB and bypass.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	90 V-290 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	18 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR / Protection	10 sec / Double MCB with bypass
Capacity	Main line 5 kVA only

PRODUCT VIEWS



Front View

Side View

Rear / Base

Perspective

Main line 5 kVA only. • Calculate the connected load before selection. • Use the stated MCB and bypass configuration.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABWDP-10170

Dual Phase Main Line Stabilizer



Dual-phase main line stabilizer with single MCB protection.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	170 V-480 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	40 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR / Protection	10 sec / Single MCB
Capacity	Capacity: confirm with sales

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Capacity: confirm with sales. • Calculate the connected load before selection. • Use the stated MCB and bypass configuration.

WARRANTY **Transformer: 3 years | Other parts: 2 years**

ABW-DP-10140

Dual Phase Main Line Stabilizer

MCB PROTECTION

VENTILATED ENCLOSURE



140-450 V INPUT

HIGH / LOW CUT-OFF

10 SEC TIME DELAY

Digital dual-phase main line 10 kVA stabilizer with a 140 V-450 V input range.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	140 V-450 V ($\pm 2\%$)
Regulated Output Voltage	195 V-245 V ($\pm 12\%$)
Output Current	40 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR / Protection	10 sec / Single MCB
Capacity	Main line 10 kVA only

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Main line 10 kVA only. • Calculate the connected load before selection. • Use the stated MCB and bypass configuration.

WARRANTY

Transformer: 3 years | Other parts: 2 years

ABDJ-5130

DJ Sound PA System Manual Stabilizer



Manual voltage stabilizer designed for DJ sound PA systems and professional audio applications.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	130 V-290 V ($\pm 2\%$)
Regulated Output Voltage	220 V ($\pm 12\%$)
Output Current	18 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	According to current DJ system only

PRODUCT VIEWS



Front View



Side View



Rear / Base



Perspective

Capacity according to the current DJ system. • Adjust the rotary control one step at a time. • Monitor the digital meter during operation.

WARRANTY Transformer: 3 years | Other parts: 2 years

ABDJ2-5130 / ABDJ2-5190

DJ / PA SYSTEM VOLTAGE STABILIZERS

ROTARY VOLTAGE SELECTOR

SIDE CARRYING HANDLE



BYPASS + HIGH / LOW SWITCHES

6 REAR OUTPUT SOCKETS

VENTILATED METAL BODY

Manual-control DJ / PA stabilizer with a front control panel and rear output sockets.

TECHNICAL SPECIFICATIONS

TDR = time-delay relay

Input Voltage	130 V-290 V ($\pm 2\%$)
Regulated Output Voltage	220 V ($\pm 12\%$)
Output Current	18 Amp
Output Cut-off	170 V Low / 260 V High / 5 sec delay
TDR	10 sec
Capacity	According to current DJ system only

PRODUCT VIEWS



Front



Side angle



Rear



Perspective

Images show the supplied A. B.-5130 unit. Select capacity according to the current DJ system.

WARRANTY Transformer: 3 years | Other parts: 2 years

POWER DISTRIBUTION

Professional audio accessory



4-SOCKET DISTRIBUTION WITH LIVE VOLTAGE METER

A compact power-distribution accessory for organizing multiple DJ and professional-audio connections.



Front



Perspective



Rear



Top

FEATURES SHOWN IN THE PHOTOGRAPHS

- Four universal power sockets
- Integrated live voltage meter
- Heavy-duty metal enclosure
- Cable connection for DJ and professional audio use
- Accessory specifications should be confirmed at the time of order

QUALITY INSIDE

Components and manufacturing



**ALUMINIUM & COPPER
WINDING TRANSFORMERS**



**QUALITY-TESTED
COMPONENTS & WIRING**

THE O1e STEP ADVANTAGE

AC SERIES	Digital display High/low cut-off 10-second TDR
MAINLINE SERIES	MCB protection Bypass on specified models Cut-off
DJ / PA SERIES	Manual voltage control Model-specific output connections
RANGE OPTIONS	90-300 V available on applicable models; confirm at order

CHOOSE THE RIGHT MODEL IN 3 STEPS

01 APPLICATION

Identify the AC, main line or DJ equipment and its rated load.

02 SITE VOLTAGE

Have an electrician confirm the supply and the lowest site voltage.

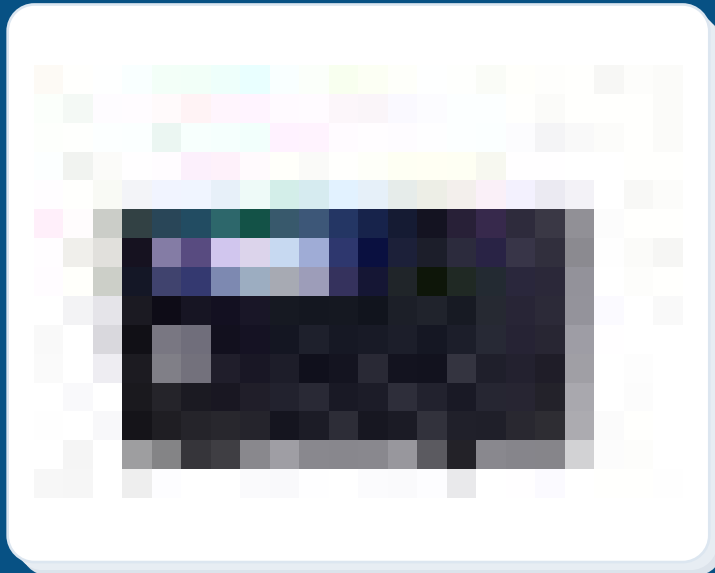
03 CONFIRM THE MATCH

Check input range, output current, capacity, cut-off and TDR with sales.

WARRANTY Transformer: 3 years | Other parts: 2 years

POWER PROTECTION,

BUILT STEP BY STEP.



A B ELECTRONICS

Brand	Ole Step
Business	Voltage Stabilizer Manufacturing
Location	Sector 6, Noida, Uttar Pradesh, India
Website	olestep.com
Sales email	sales@olestep.com
Support email	supports@olestep.com
WhatsApp	+91 9811781217
Product families	AC Dual Phase AC Main Line DJ

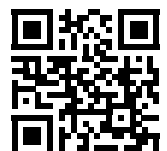
WARRANTY

Transformer: 3 years | Other parts: 2 years

LET US HELP YOU CHOOSE

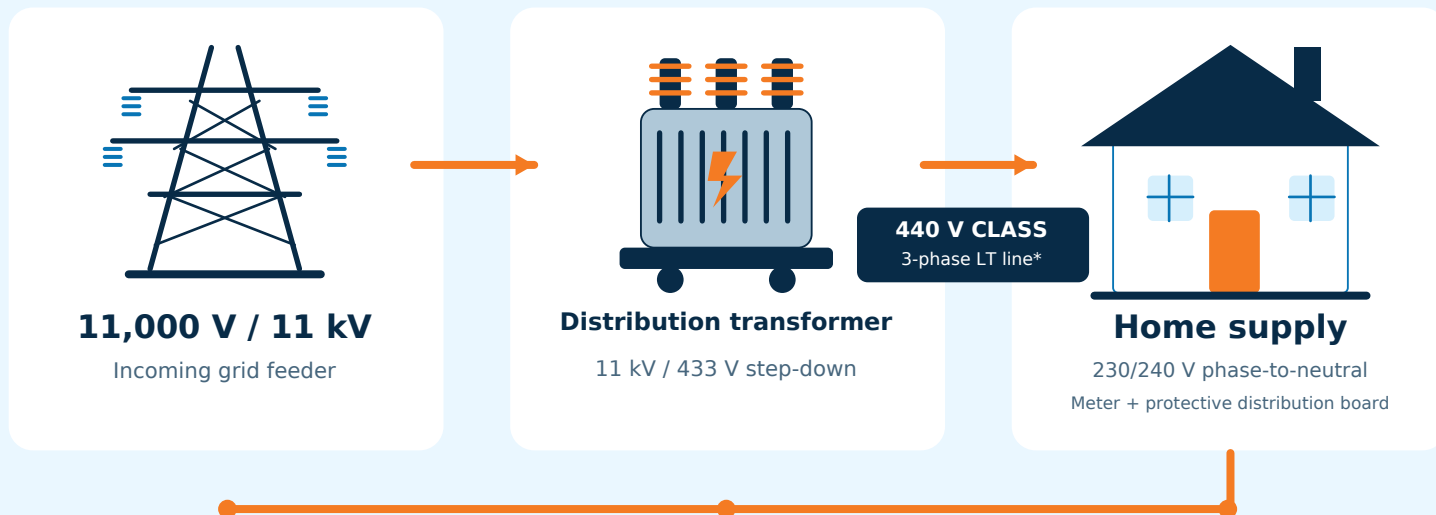
Share your application, equipment load and site voltage on WhatsApp. Our sales team can help confirm the model.

Scan to chat | +91 9811781217



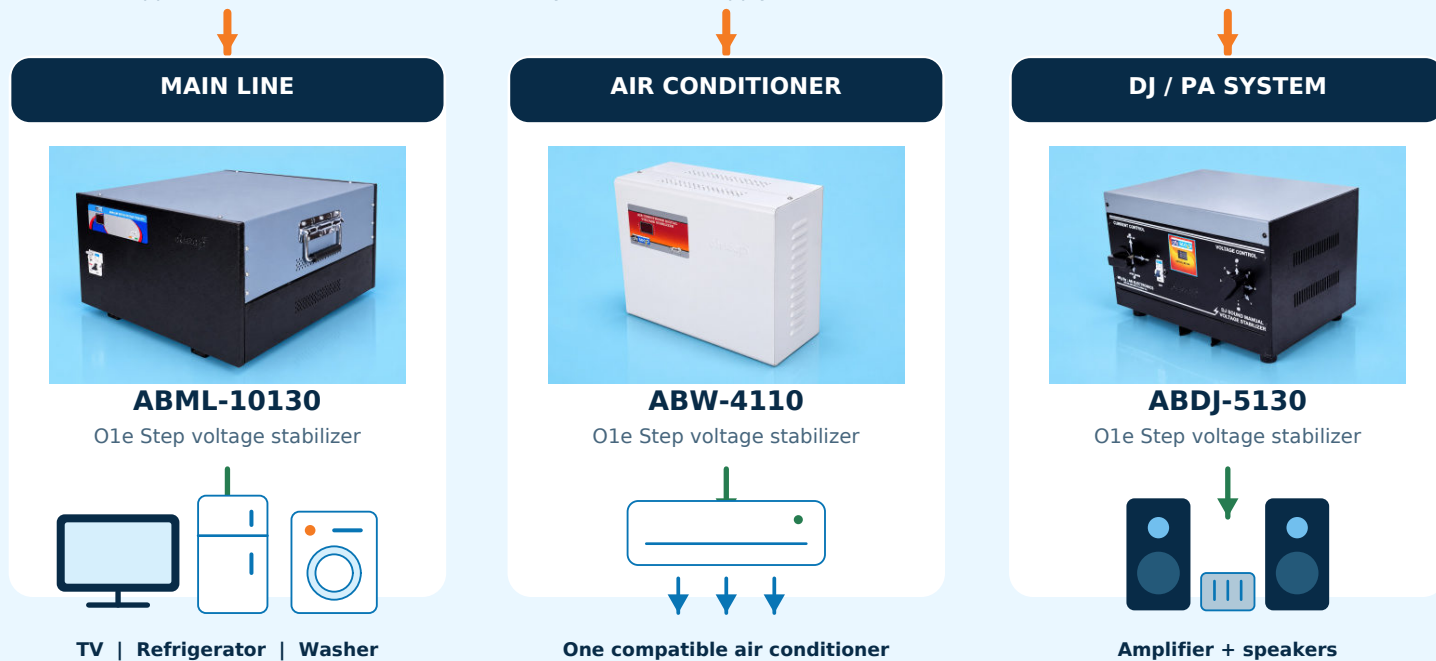
FROM THE GRID. TO EVERYDAY CONFIDENCE.

01 POWER REACHES YOUR HOME



02 MATCH THE STABILIZER TO THE APPLICATION

Alternative application routes - select the model for your load and supply.



Also available: Dual Phase AC | Dual Phase Main Line | Power Distribution



Power Up with Confidence

Comfort at home. Confidence in your equipment.
Choose the right protection with O1e Step.

*440 V class shown; nominal LT supply is commonly 400/415 V between phases.

Illustrative flow, not installation wiring. Confirm model ratings, load and supply; use qualified installation.