



NEW INDIA

SOLAR COMPONENTS PVT LTD

Powering **India's** Solar Installations.

PRODUCT CATALOGUE

COMPLETE RANGE OF SOLAR COMPONENTS & SOLUTIONS
For Residential | Commercial | Industrial | Utility Scale Projects



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



PREMIUM
QUALITY



CLEAN ENERGY
SOLUTIONS

BUILDING A BRIGHTER TOMORROW WITH **RELIABLE** SOLAR COMPONENTS

At New India Solar Components Pvt Ltd, we are committed to delivering high-quality, safe & reliable solar components that ensure efficiency, durability and complete peace of mind for every solar installation.

OUR VISION

To be India's most trusted manufacturer of solar components, empowering a sustainable future through quality, innovation and customer satisfaction.

OUR MISSION

To provide high-quality, safe & reliable solar components and solutions that drive the growth of solar energy across India and the world.

EXPLORE OUR COMPLETE **PRODUCT RANGE**

SOLAR DCDB BOXES



2 IN 1 OUT, 2 IN 2 OUT
& CUSTOMIZED DCDB BOXES

SOLAR ACDB BOXES



SINGLE & THREE PHASE
ACDB SOLUTIONS

SOLAR BOS KITS



3kW, 5kW, 10kW & CUSTOM
BOS KITS

DC & AC MCB / MCCB



DC MCB, AC MCB,
MCCB & ISOLATORS

SURGE PROTECTION DEVICES (SPD)



TYPE 1, TYPE 2 & DC
SPD DEVICES

SOLAR CABLES & WIRES



DC SOLAR CABLES
(1.5 SQMM - 6 SQMM)

MC4 CONNECTORS & ACCESSORIES



MC4 CONNECTORS, TOOLS
& ACCESSORIES

EARTHING KITS & ACCESSORIES



EARTHING RODS, LUGS,
CLAMPS & ACCESSORIES

STRUCTURE HARDWARE



ALUMINIUM RAILS,
CLAMPS & ACCESSORIES

 **100%** QUALITY ASSURED

 **ADVANCED TECHNOLOGY**

 **LONG LASTING DURABILITY**

 **FAST SUPPORT & SERVICE**

**DESIGNED FOR SAFETY
BUILT FOR PERFORMANCE**



+91 63588 05671

+91 63588 05672

info@newindiasolar.com

www.newindiasolar.com

3 Floor, 315 KBC Karunesh Business Center,
Opp. KBC4, Near Dhameliya Brother Yogichowk, Surat, Gujarat 395010



NEW INDIA

SOLAR COMPONENTS PVT LTD

Powering India's Solar Installations.

EXPLORE DCDB BOXES

WIDE RANGE OF DCDB BOXES

- Engineered for Safety.
- Built for Performance.
- Trusted for Every Solar Installation.



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



CLEAN ENERGY
SOLUTIONS

Our DCDB (DC Distribution Combiner Boxes) are designed to combine multiple DC inputs from solar strings and deliver safe, reliable & efficient output to the inverter with advanced protection.

OUR DCDB BOXES RANGE

01 2 IN 2 OUT SOLAR DCDB BOX



- ✓ 2 DC INPUT
- ✓ 2 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE

02 1 IN 1 OUT SOLAR DCDB BOX



- ✓ 1 DC INPUT
- ✓ 1 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE

03 3 IN 3 OUT SOLAR DCDB BOX



- ✓ 3 DC INPUT
- ✓ 3 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE

04 5 IN 5 OUT SOLAR DCDB BOX



- ✓ 5 DC INPUT
- ✓ 5 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE

05 6 IN 6 OUT SOLAR DCDB BOX



- ✓ 6 DC INPUT
- ✓ 6 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE

06 7 IN 7 OUT SOLAR DCDB BOX



- ✓ 7 DC INPUT
- ✓ 7 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE

07 12 IN 12 OUT SOLAR DCDB BOX



- ✓ 12 DC INPUT
- ✓ 12 DC OUTPUT
- ✓ 1000V DC SYSTEM
- ✓ SPD & FUSE PROTECTION
- ✓ IP65 ENCLOSURE



ADVANCED PROTECTION

SPD, Fuses & MCB for
complete safety



HIGH PERFORMANCE

Reliable connectivity &
minimum power loss



PREMIUM QUALITY COMPONENTS

Use of reputed make
components only



WEATHERPROOF & DURABLE

IP65 protection for
harsh environment



EASY INSTALLATION & MAINTENANCE

Compact design for
quick installation





NEW INDIA
SOLAR COMPONENTS PVT LTD

Powering India's Solar Installations.

SOLAR DCTB BOX

1 IN 1 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



QUALITY YOU
CAN TRUST



DC 600V
RATED VOLTAGE



IP65
PROTECTION



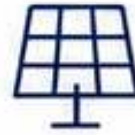
TYPE 2 SPD
PROTECTION



HIGH QUALITY
COMPONENTS

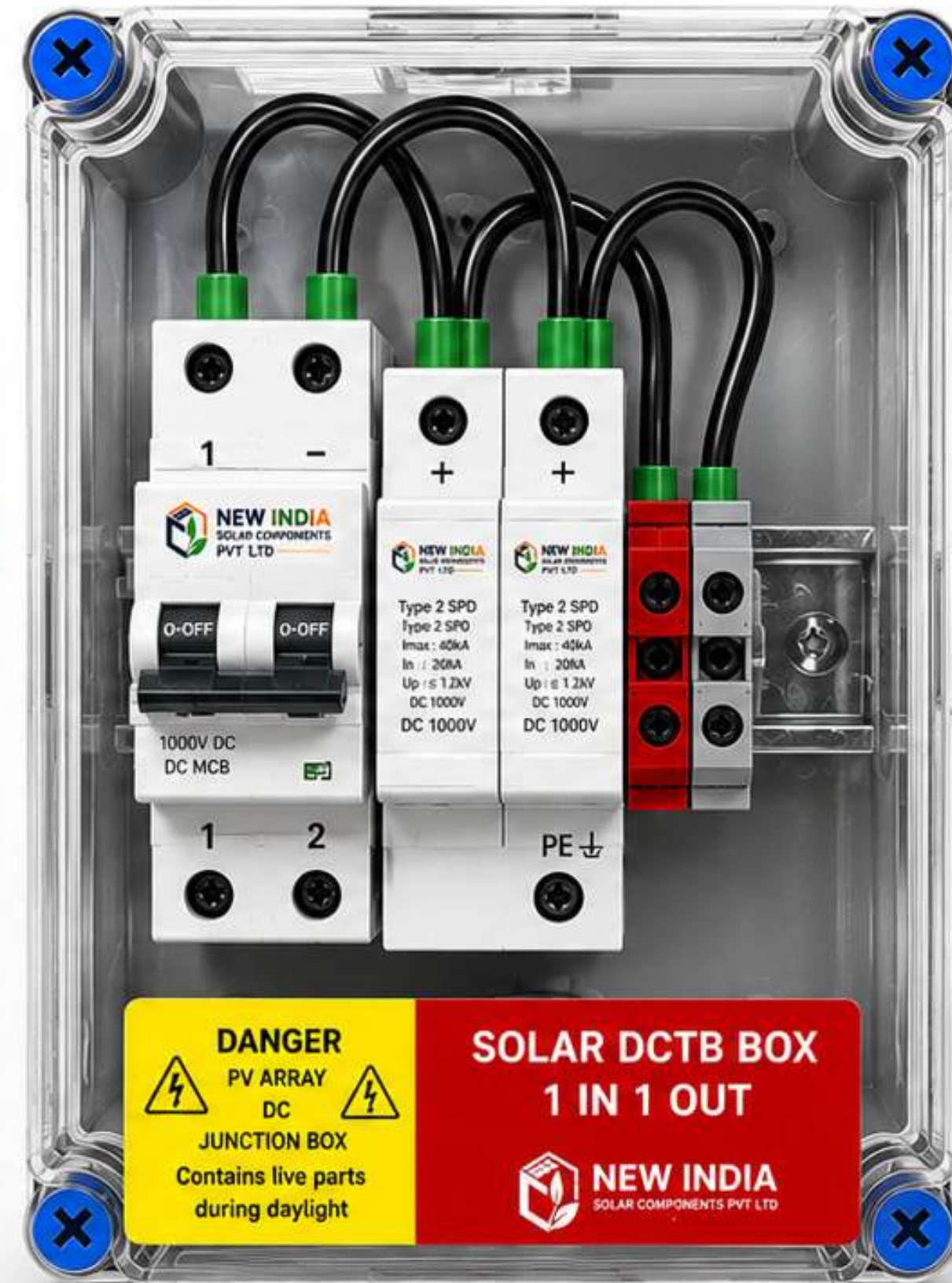
1 IN 1 OUT

1 String Input | 1 String Output



SPECIFICATIONS

Product	1 In 1 Out Solar DCTB Box
Maximum DC Voltage	600 V
Number of Strings	1 String
String Protection Type	MCB (New India)
SPD Type	Type 2
Max Current per String	32 A
Enclosure Material	Polycarbonate
IP Rating	IP65
Operating Temperature	-25°C to +60°C
Standards	IEC/EN 61439-2
Application	Rooftop & Ground Mount Solar PV Systems



KEY FEATURES

- ✓ Single String Input, Single Output
- ✓ MCB Protection for Safety (New India MCBs)
- ✓ Type 2 SPD for Surge Protection
- ✓ IP65 Polycarbonate Enclosure
- ✓ Easy & Quick Installation
- ✓ Compact, Reliable & Durable Design
- ✓ Suitable for All Solar PV Systems



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HIGH
EFFICIENCY



MAXIMUM
SAFETY



INDUSTRIAL
GRADE



CLEAN ENERGY
SOLUTIONS





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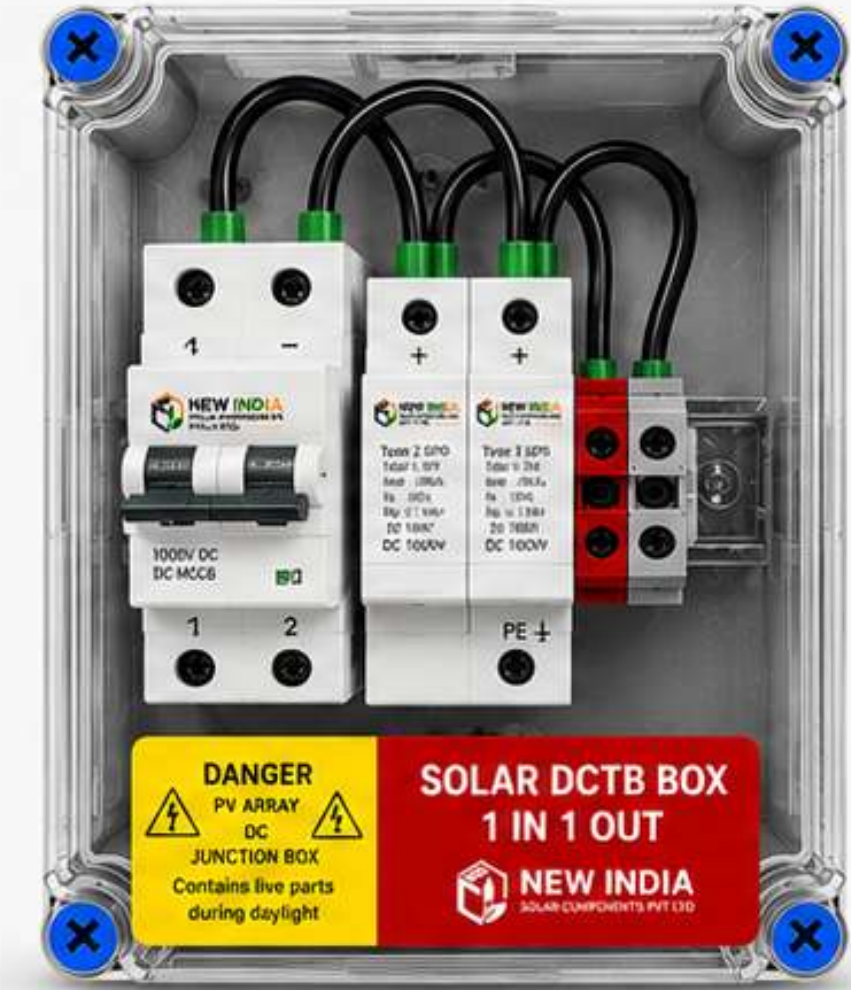
SOLAR DCTB BOX 1 IN 1 OUT

COMPONENT LIST & SPECIFICATIONS



02
02

SR. NO.	COMPONENT NAME	BRAND (NEW INDIA)	SPECIFICATION	QTY.	IMAGE (SAMPLE)	FUNCTION
01	DC MCCB (Input)	NEW INDIA SOLAR COMPONENTS PVT LTD	1000V DC, 2P, 32A	1		Main DC protection for input from solar string.
02	DC SPD (Type 2)	NEW INDIA SOLAR COMPONENTS PVT LTD	1000V DC, Type 2, 20kA	2		Protects system from surge & lightning.
03	DC Fuse	NEW INDIA SOLAR COMPONENTS PVT LTD	1000V DC, 32A, 10x38mm	2		Overcurrent protection for positive & negative.
04	Fuse Holder	NEW INDIA SOLAR COMPONENTS PVT LTD	10x38mm, 1000V DC	2		Holds DC fuse securely in the system.
05	Terminal Block (+/-)	NEW INDIA SOLAR COMPONENTS PVT LTD	1000V DC, 32A	4		Secure connection for input & output cables.
06	DC Cable (Internal Wiring)	NEW INDIA SOLAR COMPONENTS PVT LTD	PV Wire, 6 SQMM, 1000V DC	As per Design		Internal DC wiring for power distribution.
07	Enclosure (Box)	NEW INDIA SOLAR COMPONENTS PVT LTD	Polycarbonate, IP65, UV Resistant	1		Protects all components from dust, water & UV.
08	Cable Gland	NEW INDIA SOLAR COMPONENTS PVT LTD	IP68, PG16	4		Ensures cable entry with proper sealing.
09	Earthing Terminal	NEW INDIA SOLAR COMPONENTS PVT LTD	Brass, 6 Way	1		Provides earthing connection to enclosure.
10	Warning Labels	NEW INDIA SOLAR COMPONENTS PVT LTD	Weatherproof, UV Printed	2		Safety information & identification.



APPLICATIONS

- ✓ Rooftop Solar PV Systems
- ✓ Commercial & Industrial Solar Plants
- ✓ On-grid, Off-grid & Hybrid Systems
- ✓ Solar Pumps & Remote Installations

BUILT FOR

SAFETY
RELIABILITY
PERFORMANCE
DURABILITY

QUALITY COMPONENTS.
MAXIMUM PERFORMANCE.



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



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SOLAR DCDB BOX 2 IN 2 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



DC 1000V
RATED VOLTAGE



IP65
PROTECTION



QUALITY YOU
CAN TRUST

- ✓ HIGH QUALITY COMPONENTS
- ✓ RIGOROUSLY TESTED FOR SAFETY
- ✓ BUILT FOR LONG TERM PERFORMANCE



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HIGH
EFFICIENCY



MAXIMUM
SAFETY



INDUSTRIAL
GRADE

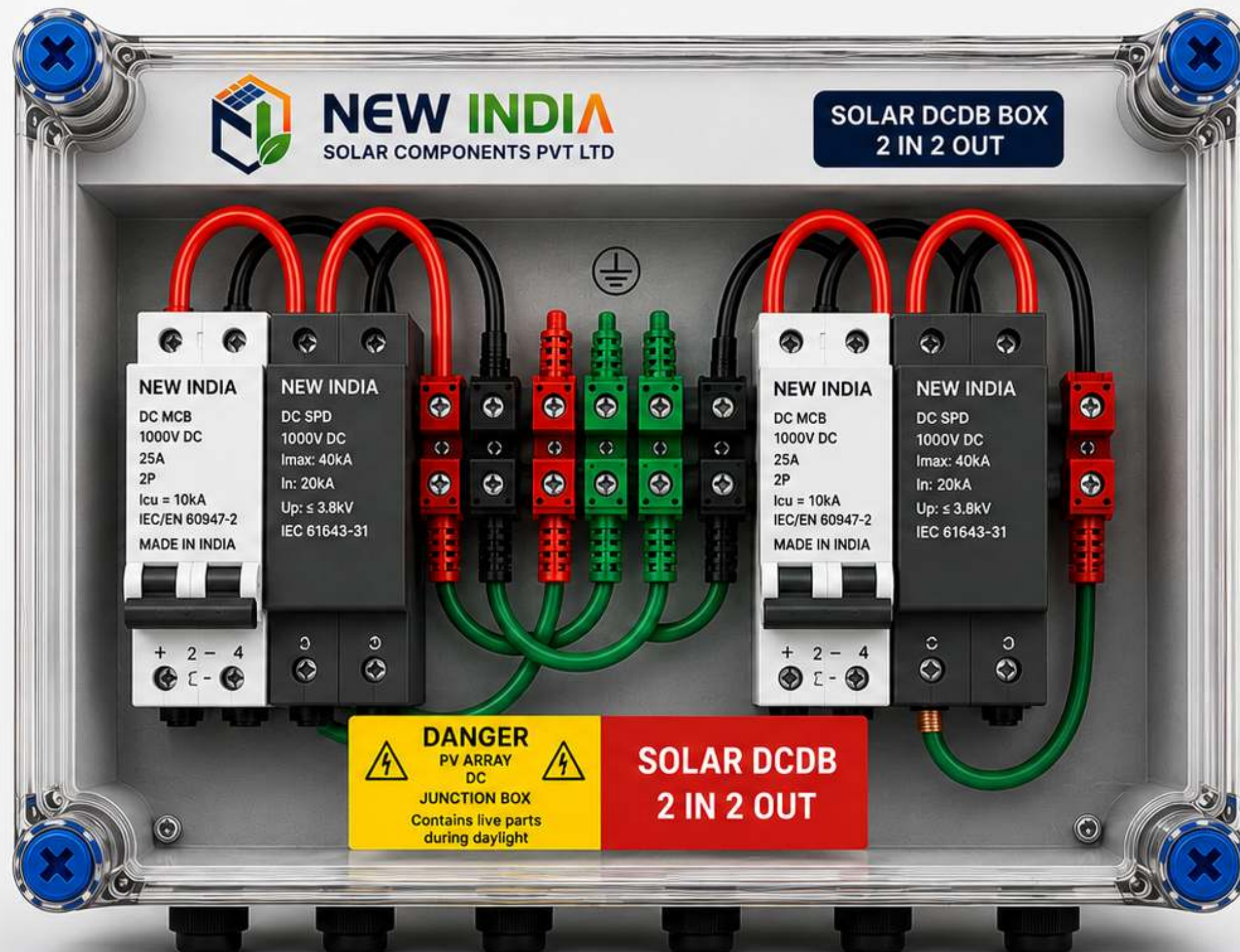


CLEAN ENERGY
SOLUTIONS



NEW INDIA
SOLAR COMPONENTS PVT LTD

SOLAR DCDB BOX
2 IN 2 OUT



DANGER
PV ARRAY
DC
JUNCTION BOX
Contains live parts
during daylight

**SOLAR DCDB
2 IN 2 OUT**



NEW INDIA
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SOLAR DCDB BOX 2 IN 2 OUT

15 COMPONENTS USED



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



CLEAN ENERGY
SOLUTIONS

WIDE RANGE OF DCDB BOXES

Engineered for Safety. Built for Performance. Trusted for Every Solar Installation.

1 DC MCB



1000V DC
25A
2 Pole
Icu = 10kA
IEC/EN 60947-2

2 DC SPD



1000V DC
Imax: 40kA
In: 20kA
Up: ≤ 3.8kV
IEC 61643-31

3 Input Terminal Block (Positive)



1000V DC
32A
Screw Type
Insulation PA66
Flame Retardant

4 Input Terminal Block (Negative)



1000V DC
32A
Screw Type
Insulation PA66
Flame Retardant

5 Earth Terminal Block



1000V DC
32A
Screw Type
Insulation PA66
Flame Retardant

6 Output Terminal Block (Positive)



1000V DC
32A
Screw Type
Insulation PA66
Flame Retardant

7 Output Terminal Block (Negative)



1000V DC
32A
Screw Type
Insulation PA66
Flame Retardant

8 DC Connecting Link (Positive)



1000V DC
32A
Cu Conductor
Insulated (Red)

9 DC Connecting Link (Negative)



1000V DC
32A
Cu Conductor
Insulated (Black)

10 Earthing Cable



16mm²
Cu Strand
Green/Yellow
High Current
Capacity

11 PV DC Cable (Red)



4mm² / 6mm²
1000V DC
Cu Conductor
UV Resistant
Red

12 PV DC Cable (Black)



4mm² / 6mm²
1000V DC
Cu Conductor
UV Resistant
Black

13 Cable Gland



PG 16
IP65
Nylon
Flame Retardant
For Cable Entry

14 Enclosure Box



UV Resistant
PC Material
IP65
Dust & Water
Proof

15 Warning Labels



DANGER
PV ARRAY DC
JUNCTION BOX
Contains live parts
during daylight

**SOLAR DCDB
2 IN 2 OUT**

UV Resistant
High Quality
Durable
Safety
Indication



**ADVANCED
PROTECTION**
SPD, Fuses & MCB for
complete safety



HIGH PERFORMANCE
Reliable connectivity
& minimum power loss



**PREMIUM QUALITY
COMPONENTS**
Use of reputed make
components only



**WEATHERPROOF &
DURABLE**
IP65 protection for
harsh environment



**EASY INSTALLATION
& MAINTENANCE**
Compact design for
quick installation



SOLAR DCDB BOX
3 IN - 3 OUT
1000V DC DISTRIBUTION BOX

- 3 STRING INPUT
3 STRING OUTPUT
- FUSE PROTECTION
FOR EACH STRING
- TYPE 2 SPD
FOR SURGE
PROTECTION
- MCB / ISOLATOR
FOR STRING
ISOLATION
- COMPACT, DURABLE &
EASY TO INSTALL
- SUITABLE FOR ROOFTOP
& GROUND MOUNT
SOLAR SYSTEMS

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NEW INDIA
SOLAR COMPONENTS PVT LTD
Powering India's Solar Installations.

SOLAR DCDB BOX 3 IN - 3 OUT



1000V DC DISTRIBUTION BOX



- SAFE & RELIABLE
- HIGH SURGE PROTECTION
- EASY INSTALLATION
- IP65 PROTECTION
- QUALITY YOU CAN TRUST



1000V DC
RATED VOLTAGE



FUSE
PROTECTION



TYPE 2 SPD
PROTECTION



IP65
ENCLOSURE



IDEAL FOR
ROOFTOP & COMMERCIAL
SOLAR SYSTEMS

BUILT FOR PERFORMANCE
ENGINEERED FOR SAFETY

SAFE • RELIABLE • DURABLE • EFFICIENT



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SOLAR DCDB BOX 3 IN - 3 OUT

1000V DC DISTRIBUTION BOX



SAFE • RELIABLE • DURABLE • EFFICIENT

KEY FEATURES

- ✓ 3 String Input, 3 String Output
- ✓ Fuse Protection for Each String
- ✓ Type 2 SPD for Surge Protection
- ✓ Safe & Reliable Power Distribution
- ✓ IP65 Polycarbonate Enclosure
- ✓ Easy Installation & Maintenance
- ✓ Compact, Durable & Long Lasting
- ✓ Suitable for Rooftop & Ground Mount Solar Systems



SAFE & RELIABLE



HIGH SURGE PROTECTION



EASY INSTALLATION



IP65 PROTECTION



HIGH QUALITY COMPONENTS



LONG TERM PERFORMANCE



UV RESISTANT ENCLOSURE



CLEAN ENERGY SOLUTIONS



MAXIMUM SAFETY

Each string protected with Fuse & SPD for complete safety.



TYPE 2 SPD PROTECTION

Advanced surge protection for solar power systems.



PREMIUM QUALITY COMPONENTS

Using high quality branded components for reliable performance.



IP65 WEATHER PROOF

Polycarbonate enclosure ensures full protection from dust & water.



EASY INSTALLATION

Pre-wired & pre-tested for quick installation and maintenance.



CLEAN ENERGY SOLUTION

Designed for efficient & safe distribution of solar DC power.



DC 1000V
RATED VOLTAGE



TYPE 2 SPD
PROTECTION



FUSE
PROTECTION



IP65
PROTECTION



HIGH QUALITY
COMPONENTS



BUILT FOR LONG
TERM PERFORMANCE





NEW INDIA
SOLAR COMPONENTS PVT LTD

Powering India's Solar Installations.

3 IN 3 OUT SOLAR DCDB BOX

1000V DC DISTRIBUTION BOX



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



CLEAN ENERGY
SOLUTIONS

KEY FEATURES

- ✓ 3 String Input, 3 String Output
- ✓ Fuse Protection for Each String
- ✓ Type 2 SPD for Surge Protection
- ✓ Safe & Reliable Power Distribution
- ✓ IP65 Polycarbonate Enclosure
- ✓ Easy Installation & Maintenance
- ✓ Compact, Durable & Long Lasting
- ✓ Suitable for Rooftop & Ground Mount Solar Systems

SPECIFICATIONS

	DCDB TYPE	3 In 3 Out
	MAX DC VOLTAGE	1000V DC
	MAX CURRENT/STRING	32A
	SPD TYPE	Type 2
	PROTECTION	Fuse Based
	ENCLOSURE MATERIAL	Polycarbonate
	IP RATING	IP65
	APPLICATION	Rooftop & Commercial Solar PV



COMPONENTS USED IN 3 IN 3 OUT SOLAR DCDB BOX

S.NO.	COMPONENT NAME	DESCRIPTION	RATING / TYPE	QUANTITY	IMAGE
1	DC SPD (Type 2)	Surge Protection Device (Type 2) for Each String	1000V DC, Type 2	6 Nos. (2 Sets x 3 Pole)	
2	DC Fuse Holder	DC Fuse Holder for String Protection	1000V DC, 2 Pole	3 Nos.	
3	DC Fuse	gPV Fuse for Overcurrent Protection	1000V DC, 15A/20A/32A	6 Nos.	
4	DC MCB / Isolator	DC MCB / Isolator for String Isolation	1000V DC, 32A, 2 Pole	3 Nos.	
5	Terminal Blocks	Distribution Terminal Blocks for Input & Output	1000V DC, 32A	6-8 Nos.	
6	Earthing Terminal	Earthing / Ground Terminal Block	-	1 Set	
7	DIN Rail	35mm DIN Rail for Component Mounting	35mm	1 No.	
8	DC Solar Cable	Internal Wiring for Connections	1000V DC	As Required	
9	Cable Glands	Waterproof Cable Entry Glands	-	6-8 Nos.	
10	Cable Lugs / Ferrules	Cable End Terminals for Safe Connections	-	As Required	
11	Enclosure Box	Polycarbonate Enclosure	IP65	1 No.	



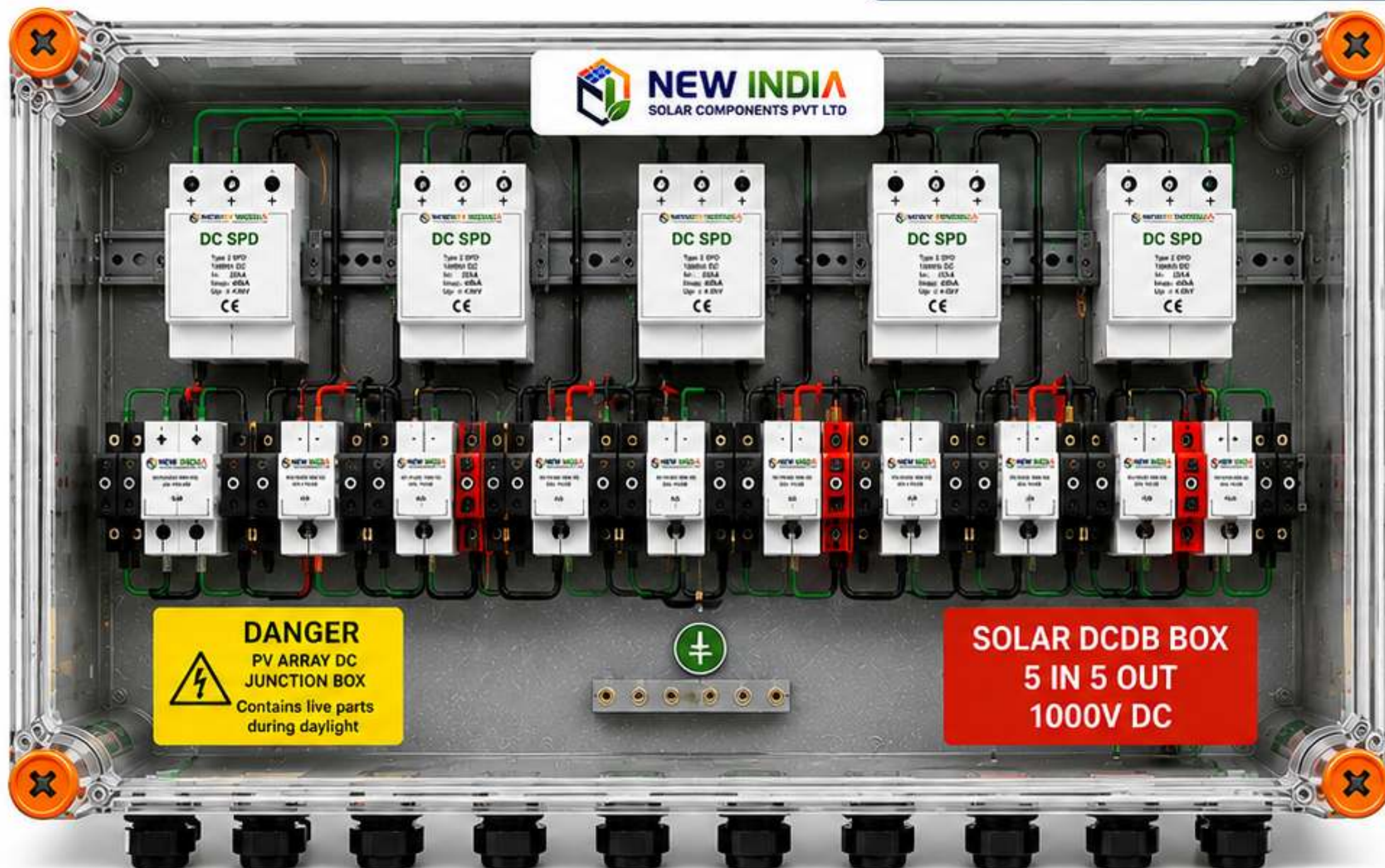


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SOLAR COMPONENTS PVT LTD
Powering India's Solar Installations.

SOLAR DCDB BOX

5 IN 5 OUT

1000V DC DISTRIBUTION BOX



KEY FEATURES



5 STRING INPUT, 5 STRING OUTPUT

Designed for efficient distribution of 5 input strings to 5 output.



FUSE PROTECTION FOR EACH STRING

Each string is protected with high quality fuse for maximum safety.



TYPE 2 SPD FOR SURGE PROTECTION

Advanced Type 2 SPD protects your solar system from high voltage surges.



SAFE & RELIABLE POWER DISTRIBUTION

Ensures stable and safe DC power distribution to inverter.



IP65 POLYCARBONATE ENCLOSURE

Waterproof, dustproof & UV resistant enclosure for outdoor installation.



EASY INSTALLATION & MAINTENANCE

Pre-wired, tested & ready for quick installation and easy maintenance.



COMPACT, DURABLE & LONG LASTING

Built with premium quality components for long life and high performance.



SUITABLE FOR ROOFTOP & GROUND MOUNT

Ideal for all types of rooftop and ground mount solar PV systems.



1000V DC
RATED VOLTAGE



FUSE
PROTECTION



TYPE 2 SPD
PROTECTION



IP65
PROTECTION



HIGH QUALITY
COMPONENTS



BUILT FOR LONG
TERM PERFORMANCE





NEW INDIA
SOLAR COMPONENTS PVT LTD

Powering India's Solar Installations.

5 IN 5 OUT SOLAR DCDB BOX

COMPONENTS LIST



1 DC SPD (Type 2)



QTY: 10 – 15 NOS.
(2–3 Sets x 5 Pole)

2 DC FUSE HOLDER



QTY: 5 NOS.
(2 Pole)

3 DC FUSE



QTY: 10 NOS.
(15A / 20A / 30A)

4 TERMINAL BLOCKS



QTY: 10 – 15 NOS.
(Input & Output)

5 EARTHING TERMINAL



QTY: 1 SET
(Ground Terminal Block)

6 DIN RAIL



QTY: 2 NOS.
(35mm DIN Rail)

7 DC SOLAR CABLE



QTY: AS REQUIRED
(Internal Wiring)

8 CABLE GLANDS



QTY: 10 – 12 NOS.
(Waterproof Entry)

9 FERRULES / LUGS



QTY: AS REQUIRED
(For Safe Connections)

10 EARTHING WIRING



QTY: AS REQUIRED
(Grounding Connections)

11 INTERNAL WIRING



QTY: AS REQUIRED
(DC Connections)

12 ENCLOSURE BOX (IP65)



QTY: 1 NO.
(Polycarbonate Enclosure)

TOTAL COMPONENTS SUMMARY

• DC SPD (Type 2)	: 10 – 15 NOS.	• Earthing Terminal	: 1 SET	• Ferrules / Lugs	: AS REQUIRED
• DC Fuse Holder	: 5 NOS.	• DIN Rail	: 2 NOS.	• Earthing Wiring	: AS REQUIRED
• DC Fuse	: 10 NOS.	• DC Solar Cable	: AS REQUIRED	• Internal Wiring	: AS REQUIRED
• Terminal Blocks	: 10 – 15 NOS.	• Cable Glands	: 10 – 12 NOS.	• Enclosure Box (IP65)	: 1 NO.

SPECIFICATIONS

DCDB TYPE	: 5 IN 5 OUT	ENCLOSURE	: POLYCARBONATE
MAX VOLTAGE	: 1000V DC	IP RATING	: IP65
MAX CURRENT / STRING	: 30A	INSTALLATION	: ROOFTOP / GROUND
SPD TYPE	: TYPE 2	APPLICATION	: SOLAR PV SYSTEMS
PROTECTION	: FUSE BASED	STANDARD	: IEC/EN 61439-2



SAFE & RELIABLE
POWER DISTRIBUTION



TYPE 2 SPD
PROTECTION



IP65
WATERPROOF



EASY
INSTALLATION



HIGH QUALITY
COMPONENTS



DURABLE &
LONG LASTING





NEW INDIA

SOLAR COMPONENTS PVT LTD

Powering India's Solar Installations.

SOLAR DCDB BOX

6 IN 6 OUT

1000 V DC | 6 STRING INPUT | 6 STRING OUTPUT
DC DISTRIBUTION BOX



KEY FEATURES

- ✓ 6 String Input, 6 String Output
- ✓ Fuse Protection for Each String
- ✓ Type 2 SPD for Surge Protection
- ✓ Safe & Reliable Power Distribution
- ✓ IP65 Polycarbonate Enclosure
- ✓ Easy Installation & Maintenance
- ✓ Compact, Durable & Long Lasting
- ✓ Suitable for Rooftop & Ground Mount Systems



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



IP65
PROTECTION



QUALITY YOU
CAN TRUST

SPECIFICATIONS

Product	6 In 6 Out Solar DCDB Box
Maximum DC Voltage	1000 V
Number of Strings	6 String
String Protection Type	Fuse
SPD Type	Type 2
Max Current per String	30 A
Enclosure Material	Polycarbonate
IP Rating	IP65
Operating Temperature	-25°C to +60°C
Standards	IEC/EN 61439-2
Application	Rooftop & Ground Mount Solar PV Systems



DC 1000V
RATED VOLTAGE



IP65
PROTECTION



TYPE 2 SPD
PROTECTION



HIGH QUALITY
COMPONENTS



BUILT FOR LONG
TERM PERFORMANCE





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Powering India's Solar Installations.

6 IN 6 OUT SOLAR DCDB BOX

1000V DC DISTRIBUTION BOX



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



CLEAN ENERGY
SOLUTIONS

KEY FEATURES

- ✓ 6 String Input, 6 String Output
- ✓ Fuse Protection for Each String
- ✓ Type 2 SPD for Surge Protection
- ✓ Safe & Reliable Power Distribution
- ✓ IP65 Polycarbonate Enclosure
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SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



IP65
PROTECTION



HIGH QUALITY
COMPONENTS



LONG TERM
PERFORMANCE



CLEAN ENERGY
SOLUTIONS

COMPONENTS USED IN 6 IN 6 OUT SOLAR DCDB BOX

S.NO.	COMPONENT NAME	DESCRIPTION	RATING / TYPE	QUANTITY	IMAGE
1	DC MCB (Main)	Main DC Isolator / MCB for Input Protection	1000V DC, 2 Pole	1 No.	
2	DC Fuse Holder	DC Fuse Holder for String Protection	1000V DC, 2 Pole	6 Nos.	
3	DC Fuse	gPV Fuse for Overcurrent Protection	1000V DC, 15A/20A	12 Nos.	
4	DC SPD	Surge Protection Device (Type 2) for Each String	1000V DC, Type 2	9 Nos. (3 Sets x 3 Pole)	
5	Terminal Blocks	Distribution Terminal Blocks for Input & Output	1000V DC, 32A	12-15 Nos.	
6	Earthing Terminal	Earthing / Ground Terminal Block	-	6-8 Nos.	
7	DIN Rail	35mm DIN Rail for Component Mounting	35mm	1 No.	
8	DC Solar Cable	Internal Wiring for Connections	1000V DC	As Required	
9	Cable Lugs / Ferrules	Cable End Terminals for Safe Connections	-	As Required	
10	Enclosure Box	Polycarbonate Enclosure	IP65	1 No.	

BUILT FOR PERFORMANCE. ENGINEERED FOR SAFETY.

- ✓ Advanced Protection for Solar PV Systems
- ✓ Optimal Performance & Long Life
- ✓ Compact, Durable & Easy to Maintain
- ✓ Suitable for Rooftop & Ground Mount Installations



APPLICATION

Rooftop Solar Systems
Ground Mount Solar Systems
Commercial & Industrial Projects



Scan for
Product Details
& Installation
Guide



SOLAR DCDB BOX

7 IN 7 OUT

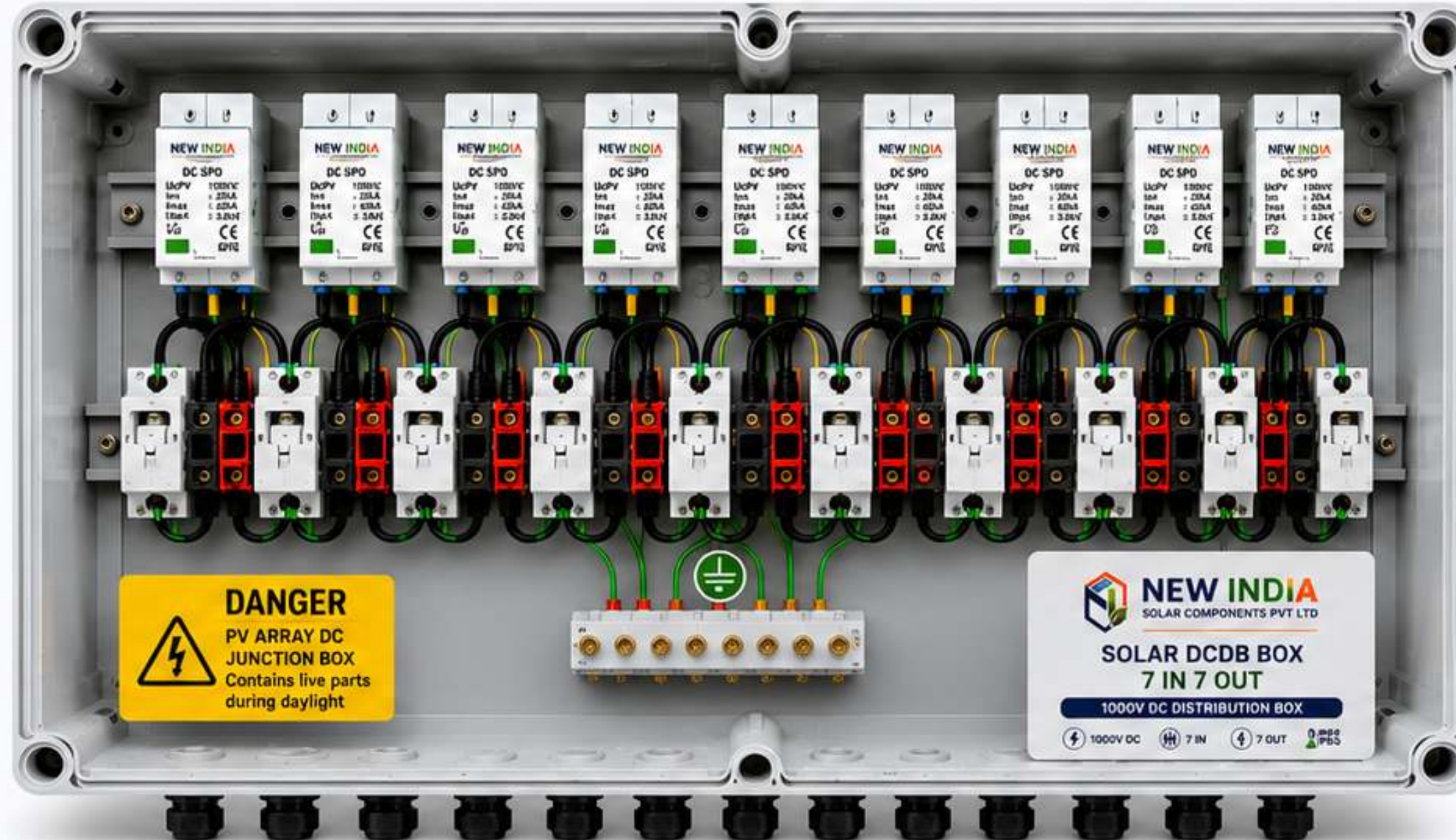
1000V DC DISTRIBUTION BOX



⚡ 1000V DC

👤 7 STRING INPUT

⚡ 7 STRING OUTPUT



TECHNICAL SPECIFICATIONS

DCDB TYPE	: 7 IN 7 OUT
MAX VOLTAGE	: 1000V DC
MAX CURRENT / STRING	: 30A
SPD TYPE	: TYPE 2
PROTECTION	: FUSE BASED
ENCLOSURE	: POLYCARBONATE
IP RATING	: IP65
INSTALLATION	: ROOFTOP / GROUND
APPLICATION	: SOLAR PV SYSTEMS
STANDARD	: IEC/EN 61439-2

KEY FEATURES

- ✓ 7 String Input, 7 String Output
- ✓ Fuse Protection for Each String
- ✓ Type 2 SPD for Surge Protection
- ✓ Safe & Reliable Power Distribution
- ✓ IP65 Polycarbonate Enclosure
- ✓ Easy Installation & Maintenance
- ✓ Compact, Durable & Long Lasting
- ✓ Suitable for Rooftop & Ground Mount Solar Systems
- ✓ High Quality Components
- ✓ Tested & Ready for Installation

APPLICATIONS



ROOFTOP SOLAR INSTALLATIONS



GROUND MOUNT SOLAR SYSTEMS

BUILT FOR SAFETY, RELIABILITY & PERFORMANCE



1000V DC
RATED VOLTAGE



FUSE
PROTECTION



TYPE 2 SPD
PROTECTION



IP65
PROTECTION



HIGH QUALITY
COMPONENTS



BUILT FOR LONG
TERM PERFORMANCE



SAFE & RELIABLE
POWER DISTRIBUTION



ADVANCED PROTECTION
FOR YOUR SOLAR SYSTEM



MAKE IN INDIA

SUPPORTING A GREENER TOMORROW





NEW INDIA
SOLAR COMPONENTS PVT LTD

Powering **India's** Solar Installations.

SOLAR DCDB BOX 7 IN 7 OUT

1000V DC DISTRIBUTION BOX



1000V DC



7 STRING INPUT



7 STRING OUTPUT

COMPONENTS USED IN 7 IN 7 OUT SOLAR DCDB BOX

1. DC SPD (TYPE 2)

1000V DC
Type 2 SPD for
Each String



QTY: 14 - 21 NOS.
(2-3 SETS x 7 POLE)

2. DC FUSE HOLDER

1000V DC
2 Pole Fuse Holder
for String Protection



QTY: 7 NOS.

3. DC FUSE

1000V DC
gPV Fuse for
Overcurrent
Protection



QTY: 14 NOS.
(15A / 20A / 30A)

4. TERMINAL BLOCKS

1000V DC
Distribution Terminal
Blocks for Input
& Output



QTY: 14 - 20 NOS.

5. EARTHING TERMINAL

Earthing / Ground
Terminal Block
for Safety



QTY: 1 SET

6. DIN RAIL

35mm DIN Rail for
Component Mounting



QTY: 2 NOS.

7. DC SOLAR CABLE

1000V DC
Internal Wiring for
Connections



AS REQUIRED

8. CABLE GLANDS

Waterproof Cable
Entry Glands



QTY: 14 - 16 NOS.

9. CABLE LUGS / FERRULES

Cable End Terminals
for Safe Connections



AS REQUIRED

10. EARTHING WIRING

Grounding Connections
for Safety



AS REQUIRED

11. INTERNAL WIRING

DC Connections for
String Distribution



12. ENCLOSURE BOX

IP65 Polycarbonate
Enclosure



QTY: 1 NO.



FUSE PROTECTION
FOR EACH STRING



TYPE 2 SPD
PROTECTION



SAFE & RELIABLE
POWER DISTRIBUTION



IP65 POLYCARBONATE
WATERPROOF ENCLOSURE



EASY INSTALLATION
& MAINTENANCE



COMPACT, DURABLE
& LONG LASTING



APPLICATIONS



ROOFTOP SOLAR
INSTALLATIONS



GROUND MOUNT
SOLAR SYSTEMS



HIGH QUALITY COMPONENTS



ADVANCED PROTECTION FOR YOUR SOLAR SYSTEM



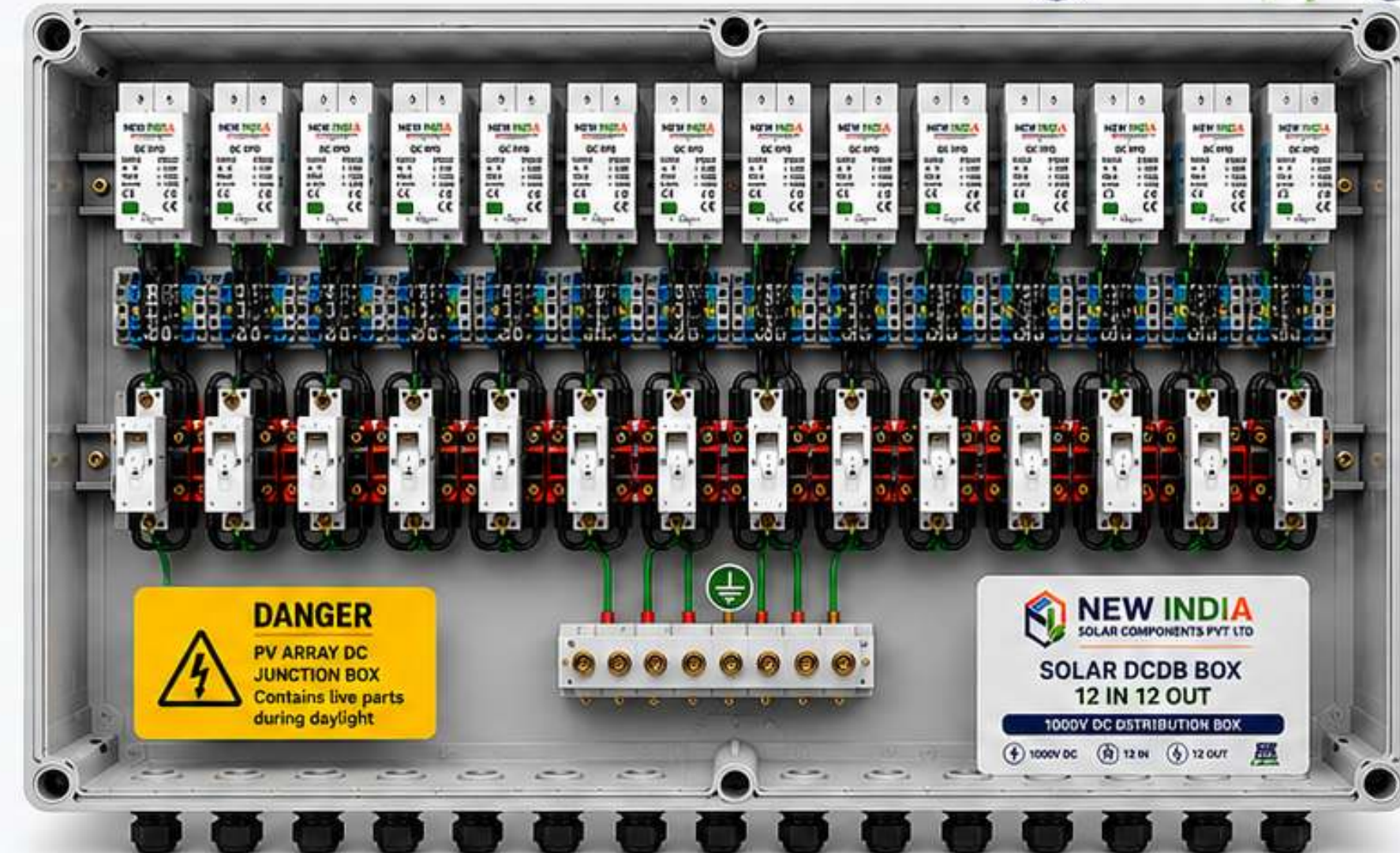
MAKE IN INDIA



SOLAR DCDB BOX

12 IN 12 OUT

1000V DC DISTRIBUTION BOX



COMPONENTS USED IN 12 IN 12 OUT SOLAR DCDB BOX

1 DC SPD (TYPE 2)



Qty: 12 Sets
(24 - 36 Modules)

2 DC FUSE HOLDER (2 POLE)



Qty: 12 Nos.

3 DC FUSE (15A / 20A / 30A)



Qty: 24 Nos.

4 TERMINAL BLOCKS



Qty: 24 - 36 Nos.

5 EARTHING TERMINAL



Qty: 1 Set

6 DIN RAIL



Qty: 3 - 4 Nos.

7 CABLE GLANDS



Qty: 24 - 30 Nos.

8 INTERNAL DC WIRING (RED / BLACK / GREEN)



As Required

9 FERRULES / CABLE LUGS



As Required

10 COPPER BUSBAR SYSTEM



As Required

11 POLYCARBONATE ENCLOSURE (IP65)



Qty: 1 No.

TECHNICAL SPECIFICATIONS

DCDB TYPE	: 12 IN 12 OUT	ENCLOSURE	: POLYCARBONATE
MAX VOLTAGE	: 1000V DC	IP RATING	: IP65
MAX CURRENT / STRING	: 30A	INSTALLATION	: ROOFTOP / GROUND
SPD TYPE	: TYPE 2	APPLICATION	: SOLAR PV SYSTEMS
PROTECTION	: FUSE BASED	STANDARD	: IEC/EN 61439-2

KEY FEATURES

- 12 String Input, 12 String Output
- Fuse Protection for Each String
- Type 2 SPD for Surge Protection
- Safe & Reliable Power Distribution
- IP65 Polycarbonate Enclosure
- Easy Installation & Maintenance
- Compact, Durable & Long Lasting
- Suitable for Rooftop & Ground Mount Solar Systems
- High Quality Components
- Tested & Ready for Installation

COMPLETE ESTIMATED BOM

1 DC SPD (Type 2, 1000V DC)	: 24 - 36 Nos.	7 Cable Glands (IP65)	: 24 - 30 Nos.
2 DC Fuse Holder (2 Pole)	: 12 Nos.	8 Internal DC Wiring (Red/Black/Green)	: As Required
3 DC Fuse (15A / 20A / 30A)	: 24 Nos.	9 Ferrules / Cable Lugs	: As Required
4 Terminal Blocks	: 24 - 36 Nos.	10 Copper Busbar System	: As Required
5 Earthing Terminal Block	: 1 Set	11 IP65 Polycarbonate Enclosure	: 1 No.
6 DIN Rail (35mm)	: 3 - 4 Nos.		

APPLICATIONS



ROOFTOP SOLAR
INSTALLATIONS



GROUND MOUNT
SOLAR SYSTEMS



SAFE & RELIABLE
POWER DISTRIBUTION



ADVANCED PROTECTION
FOR YOUR SOLAR SYSTEM



BUILT FOR PERFORMANCE
TESTED & CERTIFIED



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OUR COMPLETE RANGE OF SOLAR DCDB BOXES

SAFE • RELIABLE • DURABLE • EFFICIENT



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



IP65
PROTECTION



PREMIUM QUALITY
COMPONENTS



BUILT FOR PERFORMANCE
ENGINEERED FOR SAFETY



1 IN - 1 OUT

SUITABLE FOR UPTO 1KW SYSTEM



1 IN - 2 OUT

SUITABLE FOR 1KW - 3KW SYSTEM



2 IN - 1 OUT

SUITABLE FOR 3KW - 6KW SYSTEM



2 IN - 2 OUT

SUITABLE FOR 6KW - 10KW SYSTEM



3 IN - 1 OUT

SUITABLE FOR 10KW - 15KW SYSTEM



3 IN - 2 OUT

SUITABLE FOR 15KW - 20KW SYSTEM



4 IN - 2 OUT

SUITABLE FOR 20KW - 30KW SYSTEM

WHY CHOOSE NEW INDIA DCDB BOXES?

- ✓ 1000V DC System Voltage
- ✓ Type-2 SPD for Superior Surge Protection
- ✓ Premium Quality Components
- ✓ IP65 Weatherproof Enclosure
- ✓ Neat Internal Wiring
- ✓ Easy & Quick Installation
- ✓ Suitable for Rooftop & Commercial Solar Systems
- ✓ Quality You Can Trust
- ✓ Performance You Can Rely On



SAFE & RELIABLE
PROTECTION FOR YOUR
SOLAR INVESTMENT



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FOR HIGH PERFORMANCE
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MORE ABOUT OUR
PRODUCTS



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EXPLORE SOLAR ACDB BOXES

WIDE RANGE FOR EVERY SOLAR NEED



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



CLEAN ENERGY
SOLUTIONS

ACDB (AC Distribution Box) is used to safely distribute AC power from the inverter to the load/grid with maximum safety, protection & reliability.
Available in multiple capacity options for all project sizes.

OUR ACDB BOXES RANGE

01 3kW SOLAR ACDB



- ✓ AC OUTPUT : 1Ø / 230V
- ✓ RATED CURRENT : 20A
- ✓ MCB : 2P, 20A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : SMALL SYSTEMS

02 10kW SOLAR ACDB



- ✓ AC OUTPUT : 3Ø / 415V
- ✓ RATED CURRENT : 63A
- ✓ MCB : 4P, 63A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : HOME & COMMERCIAL

03 15kW SOLAR ACDB



- ✓ AC OUTPUT : 3Ø / 415V
- ✓ RATED CURRENT : 63A
- ✓ MCB : 4P, 63A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : COMMERCIAL

04 20kW SOLAR ACDB



- ✓ AC OUTPUT : 3Ø / 415V
- ✓ RATED CURRENT : 100A
- ✓ MCB : 4P, 100A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : COMMERCIAL

05 30kW SOLAR ACDB



- ✓ AC OUTPUT : 3Ø / 415V
- ✓ RATED CURRENT : 125A
- ✓ MCB : 4P, 125A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : COMMERCIAL & INDUSTRIAL

06 50kW SOLAR ACDB



- ✓ AC OUTPUT : 3Ø / 415V
- ✓ RATED CURRENT : 200A
- ✓ MCB : 4P, 200A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : INDUSTRIAL

07 100kW SOLAR ACDB



- ✓ AC OUTPUT : 3Ø / 415V
- ✓ RATED CURRENT : 250A
- ✓ MCB : 4P, 250A
- ✓ SPD : TYPE 2
- ✓ ENCLOSURE : IP65
- ✓ APPLICATION : LARGE SCALE PROJECTS



ADVANCED PROTECTION
MCB, SPD & Proper Earthing for maximum safety.



HIGH PERFORMANCE
Reliable components for continuous performance.



PREMIUM QUALITY COMPONENTS
Use of reputed make components for long lasting life.



WEATHERPROOF & DURABLE
IP65 protection with UV resistant enclosure.



EASY INSTALLATION & MAINTENANCE
Pre-wired & tested for quick installation.

COMPLIANT WITH STANDARDS
IEC/EN 61439-2 | IS/IEC 61439-11
RoHS Compliant | IP65 Certified



SOLAR ACDB BOX 3kW

AC DISTRIBUTION BOX (SINGLE PHASE)



SINGLE PHASE
1 IN 1 OUT



SYSTEM RATING
3kW



BUSBAR RATING
63A



INGRESS PROTECTION
IP65

COMPONENTS USED

1 MCB (DP)



- 2 Pole MCB
- Rating : 32A
- Breaking Capacity : 10kA
- Voltage : 240V AC

2 SPD (TYPE 1)



- Type 1 SPD
- In (10/350µs) : 25kA
- I_{max} (8/20µs) : 50kA
- U_p : ≤ 1.5kV

3 TERMINAL BLOCK



- High Quality Terminal Block
- Secure & Reliable Connections
- Flame Retardant Material

4 EARTHING TERMINAL



- Copper Earth Bar
- High Conductivity
- Corrosion Resistant

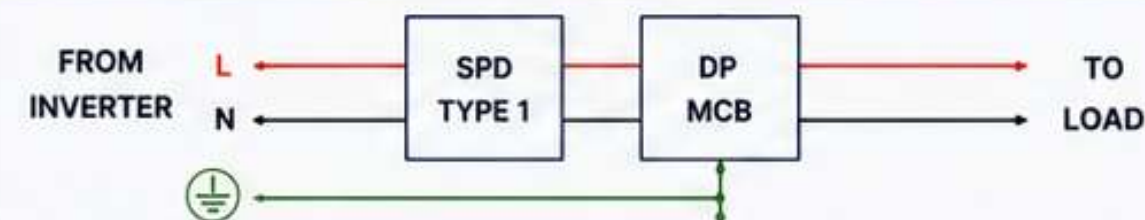
TECHNICAL SPECIFICATIONS

PRODUCT	SOLAR ACDB BOX
SYSTEM RATING	3 kW
PHASE	SINGLE PHASE
INPUT FEED	1 IN 1 OUT
BUSBAR RATING	63 A
ENCLOSURE MATERIAL	POLYCARBONATE
INGRESS PROTECTION	IP65
PROTECTION DEVICE	MCB
SPD TYPE	TYPE 1
RATED VOLTAGE	220-240V AC
RATED FREQUENCY	50 Hz
MOUNTING	WALL MOUNT
OPERATING TEMP.	-25°C TO +60°C

KEY FEATURES

- ✓ Single Phase AC Protection
- ✓ High-quality MCB for AC output protection
- ✓ Type-1 SPD for surge protection
- ✓ IP65 weatherproof enclosure (Outdoor suitable)
- ✓ Easy installation
- ✓ Long service life
- ✓ High-quality internal wiring
- ✓ Neat & compact design
- ✓ Safe & reliable power distribution
- ✓ Compatible with all brands of inverters (1–3 kW)

AC CONNECTION DIAGRAM



APPLICATIONS



RESIDENTIAL
SOLAR SYSTEMS



SMALL COMMERCIAL
SOLAR SYSTEMS



ROOFTOP
SOLAR SYSTEMS



TYPE 1 SPD
SURGE PROTECTION



MCB PROTECTION
(10kA)



IP65
WEATHERPROOF



EASY
INSTALLATION



RELIABLE &
SAFE



PREMIUM QUALITY
COMPONENTS



SAFE & RELIABLE
POWER DISTRIBUTION



ADVANCED PROTECTION
FOR YOUR SOLAR SYSTEM



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10kW ACDB BOX

THREE PHASE | 1 IN 1 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE



PRODUCT SPECIFICATIONS

	System Rating	10 kW
	Phase	Three Phase
	Input Feed	1 In 1 Out
	Busbar Rating	63A
	Enclosure Material	Polycarbonate
	Ingress Protection	IP65
	SPD Type	Type 2
	Rated Voltage	415-440V AC
	Rated Frequency	50 Hz
	Mounting	Wall Mount
	Operating Temperature	-25°C to +60°C

KEY FEATURES

- ✓ **63A MCB Protection:** Provides overload and short-circuit protection for AC output.
- ✓ **Type-2 SPD:** Protects inverter and appliances from voltage spikes and lightning surges.
- ✓ **RYB Phase Indicator Lamps:** Shows real-time status of all three phases (Red-Yellow-Blue).
- ✓ **AC Isolator Switch:** Allows safe disconnection for maintenance or emergency.
- ✓ **IP65 Weatherproof Enclosure:** Suitable for indoor & outdoor installation.
- ✓ **Copper Bus Bars & Terminal Blocks:** Ensures low loss and stable current flow.
- ✓ **Neat Internal Wiring:** Professionally crimped copper wiring for safety and durability.
- ✓ **Compatible with All Inverters:** Works with on-grid, off-grid, and hybrid systems.
- ✓ **Enhanced Safety:** Protects equipment, wiring, and load from AC faults and fluctuations.



THREE PHASE
1 IN 1 OUT



SYSTEM RATING
10kW



BUSBAR RATING
63A



INGRESS PROTECTION
IP65



TYPE 2 SPD
SURGE PROTECTION



MCB PROTECTION
(63A)



IP65
WEATHERPROOF



EASY
INSTALLATION



RELIABLE &
SAFE



PREMIUM QUALITY
COMPONENTS



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15kW SOLAR ACDB BOX

THREE PHASE | 1 IN 1 OUT

AC DISTRIBUTION BOX



-  **THREE PHASE**
1 IN 1 OUT
-  **SYSTEM RATING**
15kW
-  **BUSBAR RATING**
32A
-  **INGRESS PROTECTION**
IP65

TECHNICAL SPECIFICATIONS		
	PRODUCT	: 15kW SOLAR ACDB BOX
	SYSTEM RATING	: 15 kW
	PHASE	: THREE PHASE
	INPUT FEED	: 1 IN 1 OUT
	BUSBAR RATING	: 32 A
	ENCLOSURE MATERIAL	: POLYCARBONATE
	INGRESS PROTECTION	: IP65
	PROTECTION DEVICE	: MCCB
	SPD TYPE	: TYPE 2
	RATED VOLTAGE	: 415-440V AC
	RATED FREQUENCY	: 50 Hz
	MOUNTING	: WALL MOUNT
	OPERATING TEMP.	: -25°C TO +60°C

COMPONENTS USED

1

MCCB (4P)



- 4 Pole MCCB
- Rating : 32A
- Breaking Capacity : 10kA
- Voltage : 415V AC

2

SPD (TYPE 2)



- Type 2 SPD
- In (8/20μs) : 20kA
- Imax (8/20μs) : 40kA
- Up : ≤ 1.2kV

3

TERMINAL BLOCK



- High Quality Terminal Block
- Secure & Reliable Connections
- Flame Retardant Material

4

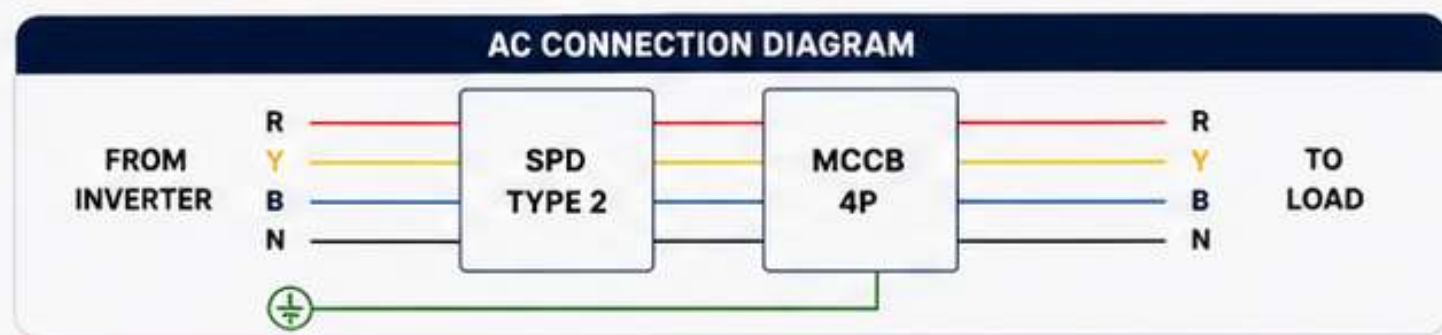
EARTHING TERMINAL



- Copper Earth Bar
- High Conductivity
- Corrosion Resistant

- KEY FEATURES
- ✓ Three Phase AC Protection
 - ✓ High-quality MCCB for AC output protection
 - ✓ Type-2 SPD for surge protection
 - ✓ IP65 weatherproof enclosure (Outdoor suitable)
 - ✓ Easy installation

- ✓ RYB Phase Indicator Lamps
 - ✓ Neat & compact design
 - ✓ Safe & reliable power distribution
 - ✓ Compatible with all brands of inverters (5 – 15 kW)
 - ✓ Long service life



- APPLICATIONS
-  RESIDENTIAL SOLAR SYSTEMS

 COMMERCIAL SOLAR SYSTEMS

 INDUSTRIAL SOLAR SYSTEMS

 SOLAR POWER PLANTS



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20kW ACDB BOX

THREE PHASE | 1 IN 1 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE



01
/10



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



CLEAN ENERGY
SOLUTIONS

PRODUCT SPECIFICATIONS

	System Rating	20 kW
	Phase	Three Phase
	Input Feed	1 In 1 Out
	Busbar Rating	80 A
	Enclosure Material	Polycarbonate
	Ingress Protection	IP65
	Protection Device	MCCB
	SPD Type	Type 1
	Availability	In Stock

KEY FEATURES

- ✓ **80A Busbar Rating:** High current capacity for 20kW three-phase solar or electrical systems.
- ✓ **Three-Phase AC Protection:** MCCB provides reliable protection against overload and short circuits.
- ✓ **RYB Phase Indication:** Visual indication of all three phases for easy monitoring.
- ✓ **AC Surge Protection (SPD Type-I):** Offers maximum protection against lightning surges and voltage spikes.
- ✓ **AC Isolator Switch:** Ensures safe isolation of AC power during maintenance or faults.
- ✓ **IP65 Weatherproof Enclosure:** Durable polycarbonate box, dustproof, waterproof and UV resistant.
- ✓ **Copper Bus Bars & Terminals:** High conductivity for efficient and reliable power distribution.
- ✓ **Neat & Safe Wiring:** Professionally assembled with proper cable management.
- ✓ **Compatible with All Systems:** Suitable for on-grid, off-grid and hybrid solar systems.
- ✓ **Durable & Reliable:** Built for long life, rust-free, maintenance-free operation.



20kW SOLAR ACDB BOX

₹ **6,600** /Piece

Enter Quantity

- 1 +

Piece

SUBMIT REQUIREMENT



MAXIMUM SAFETY
Built with premium protection devices for complete safety.



PREMIUM QUALITY
Components from trusted & certified brands.



WEATHERPROOF DESIGN
IP65 enclosure for reliable indoor & outdoor installation.



EASY INSTALLATION
Pre-wired & tested for quick & hassle-free setup.



ADVANCED PROTECTION
MCCB, SPD & proper earthing for maximum safety.



HIGH PERFORMANCE
Handles higher loads with stable & reliable output.



PREMIUM COMPONENTS
Use of reputed brand components for long life.



WEATHERPROOF & DURABLE
IP65 protection with UV resistant enclosure.



EASY INSTALLATION
Pre-wired & tested for quick installation.

COMPLIANT WITH STANDARDS
IEC/EN 61439-2 | IS/IEC 61643-11
RoHS Compliant | IP65 Certified

QUALITY COMPONENTS.
MAXIMUM PERFORMANCE.



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



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30kW ACDB BOX

THREE PHASE | 1 IN 1 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE

01
/10



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



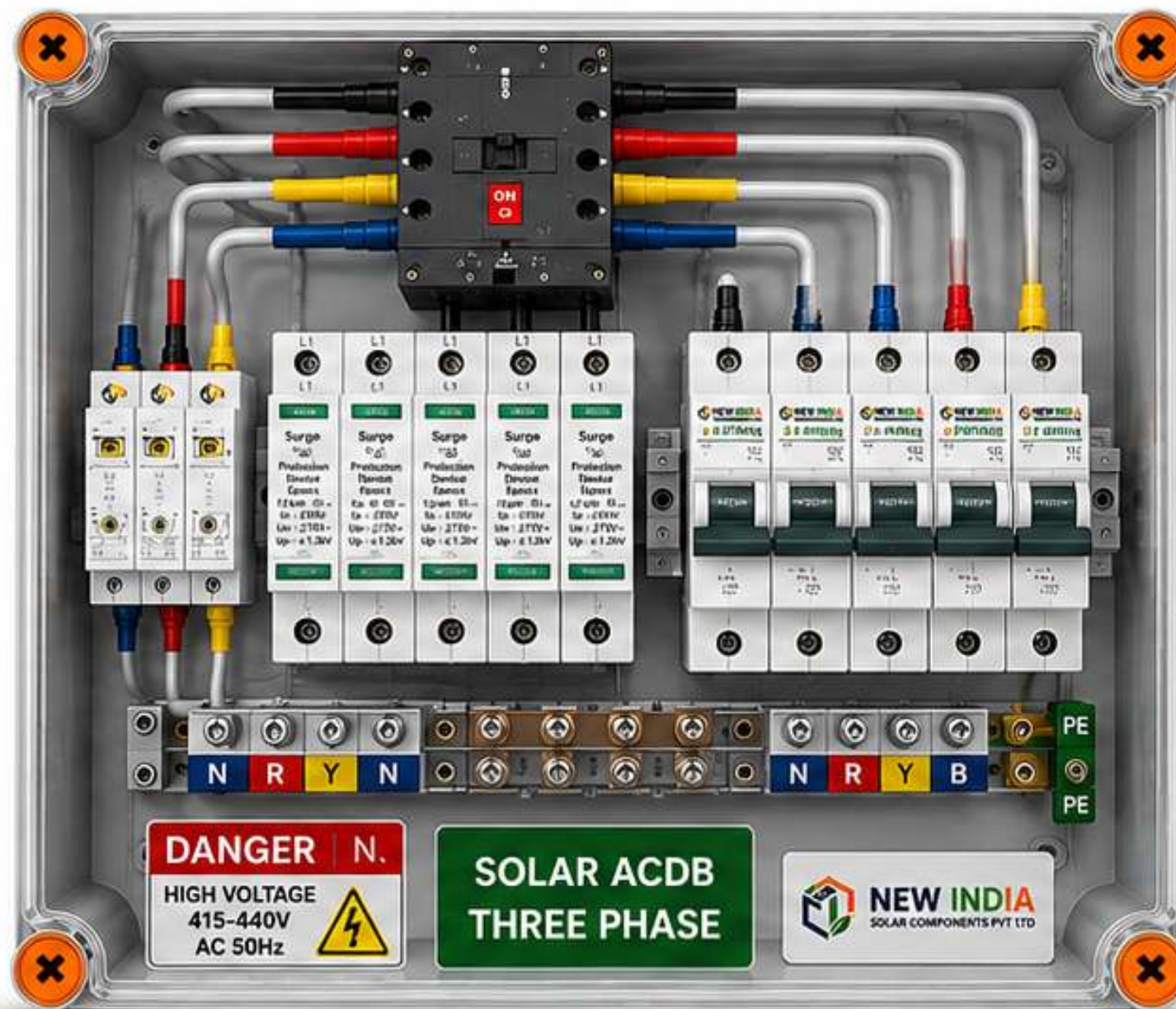
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SOLUTIONS

PRODUCT SPECIFICATIONS

	System Rating	30 kW
	Phase	Three Phase
	Input Feed	1 In 1 Out
	Busbar Rating	63 A
	Enclosure Material	Polycarbonate
	Ingress Protection	IP65
	Protection Device	MCB
	SPD Type	Type 2
	Availability	In Stock

KEY FEATURES

- ✓ **63A Busbar Rating:** Supports 30kW three-phase solar systems with stable and safe power distribution.
- ✓ **Three-Phase AC Protection:** Each phase protected by MCBs against overload and short circuits.
- ✓ **RYB Phase Indication:** Clear visual indication of all three phases for easy monitoring.
- ✓ **AC Surge Protection (SPD Type-II):** Protects connected equipment from voltage spikes and lightning surges.
- ✓ **AC Isolator Switch:** Ensures safe disconnection of AC power during maintenance or faults.
- ✓ **IP65 Weatherproof Enclosure:** Durable polycarbonate box, dustproof, waterproof and UV resistant.
- ✓ **Copper Bus Bars & Terminals:** High conductivity copper for efficient and reliable performance.
- ✓ **Neat & Safe Wiring:** Professionally assembled with proper cable management.
- ✓ **Compatible with All Systems:** Suitable for on-grid, off-grid and hybrid solar systems.
- ✓ **Durable & Reliable:** Built for long life, rust-free, maintenance-free operation.



30kW SOLAR ACDB BOX

₹ 12,500 /Piece

Enter Quantity

- 1 +

Piece

SUBMIT REQUIREMENT



MAXIMUM SAFETY
Built with premium protection devices for complete safety.



PREMIUM QUALITY
Components from trusted & certified brands.



WEATHERPROOF DESIGN
IP65 enclosure for reliable indoor & outdoor installation.



EASY INSTALLATION
Pre-wired & tested for quick & hassle-free setup.



ADVANCED PROTECTION
MCB, SPD & proper earthing for maximum safety.



HIGH PERFORMANCE
Handles higher loads with stable & reliable output.



PREMIUM COMPONENTS
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HIGH SURGE
PROTECTION



EASY
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50kW ACDB BOX

THREE PHASE | 1 IN 1 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE

01
/10



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
ENCLOSURE



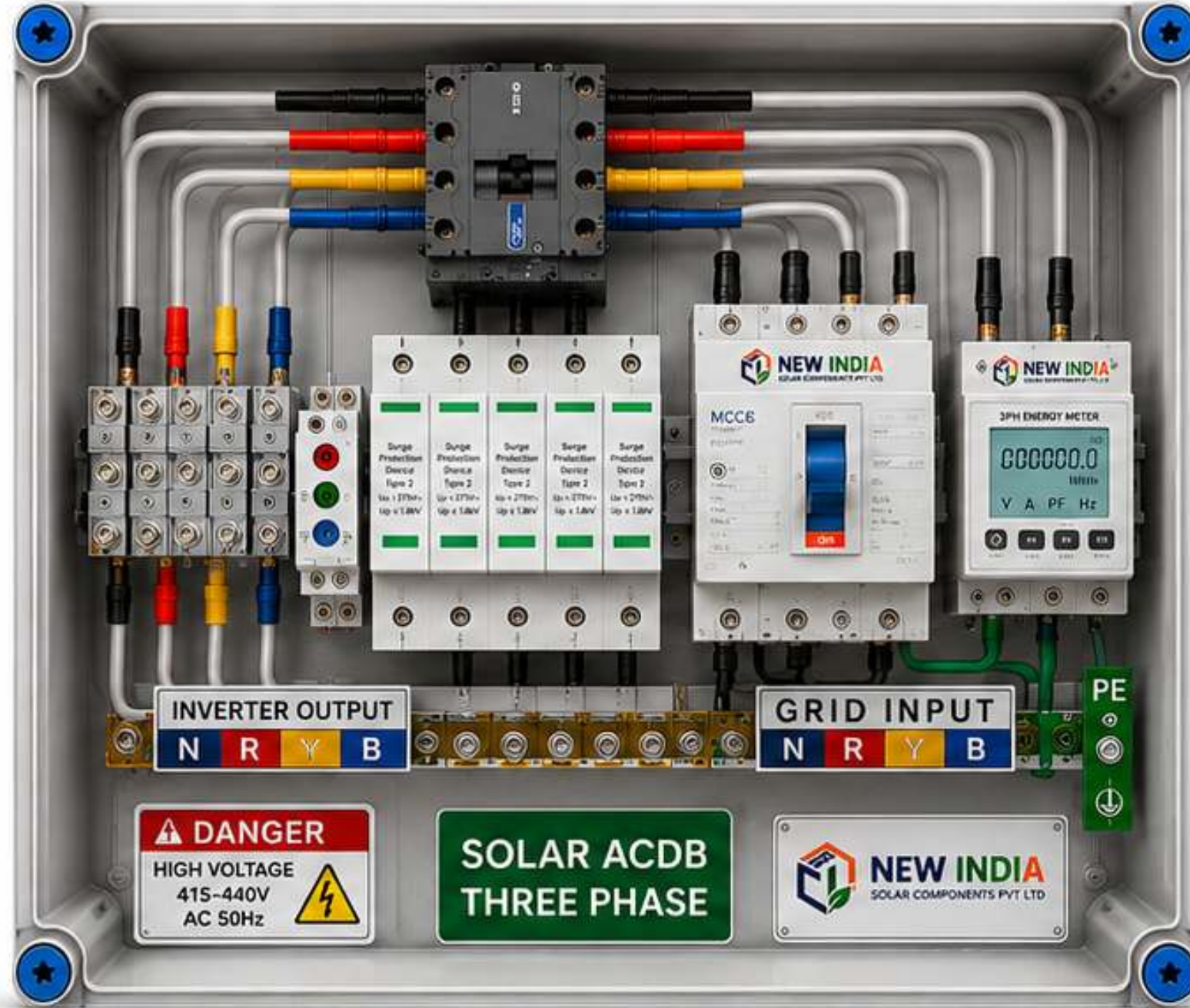
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SOLUTIONS

PRODUCT SPECIFICATIONS

	System Rating	50 kW
	Phase	Three Phase
	Input Feed	1 In 1 Out
	Busbar Rating	100 A
	Enclosure Material	Polycarbonate
	Ingress Protection	IP65
	Protection Device	MCCB
	SPD Type	Type 2
	Availability	In Stock

KEY FEATURES

- ✓ **AC Isolation:** Provides safe disconnection of the AC supply from the inverter.
- ✓ **Overload & Short-Circuit Protection:** MCCB/MCB protects wiring and connected equipment.
- ✓ **Surge Protection:** SPD safeguards against voltage spikes and lightning surges.
- ✓ **Energy Monitoring:** Optional energy meter for tracking AC output.
- ✓ **Safe Power Distribution:** Ensures stable and reliable AC power flow to the grid or load.
- ✓ **Neat & Professional Wiring:** Internal wiring done with high quality cables and proper cable management.
- ✓ **High-Quality Enclosure:** IP65 polycarbonate box, UV resistant, dustproof & weatherproof.
- ✓ **Durable & Reliable:** Built with premium components for long life & maintenance free operation.



50kW SOLAR ACDB BOX

₹ 19,500 /Piece

Enter Quantity

- 1 +

Piece

SUBMIT REQUIREMENT



MAXIMUM SAFETY
Built with premium protection devices for complete safety.



PREMIUM QUALITY
Components from trusted & certified brands.



WEATHERPROOF DESIGN
IP65 enclosure for reliable indoor & outdoor installation.



EASY INSTALLATION
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ADVANCED PROTECTION
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HIGH PERFORMANCE
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PREMIUM COMPONENTS
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WEATHERPROOF & DURABLE
IP65 protection with UV resistant enclosure.



EASY INSTALLATION
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COMPLIANT WITH STANDARDS
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RoHS Compliant | IP65 Certified

QUALITY COMPONENTS.
MAXIMUM PERFORMANCE.



SAFE &
RELIABLE



HIGH SURGE
PROTECTION



EASY
INSTALLATION



UV RESISTANT
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100kW ACDB BOX

THREE PHASE | 1 IN 1 OUT

SAFE | RELIABLE | EFFICIENT | DURABLE



IP65
PROTECTION

PRODUCT SPECIFICATIONS

	System Rating	100kW
	Phase	Three Phase
	Input Feed	1 In 1 Out
	Busbar Rating	200 A
	Enclosure Material	Polycarbonate
	Ingress Protection	IP65
	Protection Device	MCCB
	SPD Type	Type 2
	Rated Voltage	415-440V AC
	Rated Frequency	50 Hz
	Mounting	Wall Mount
	Operating Temperature	-25°C to +60°C

THREE PHASE
1 IN 1 OUT

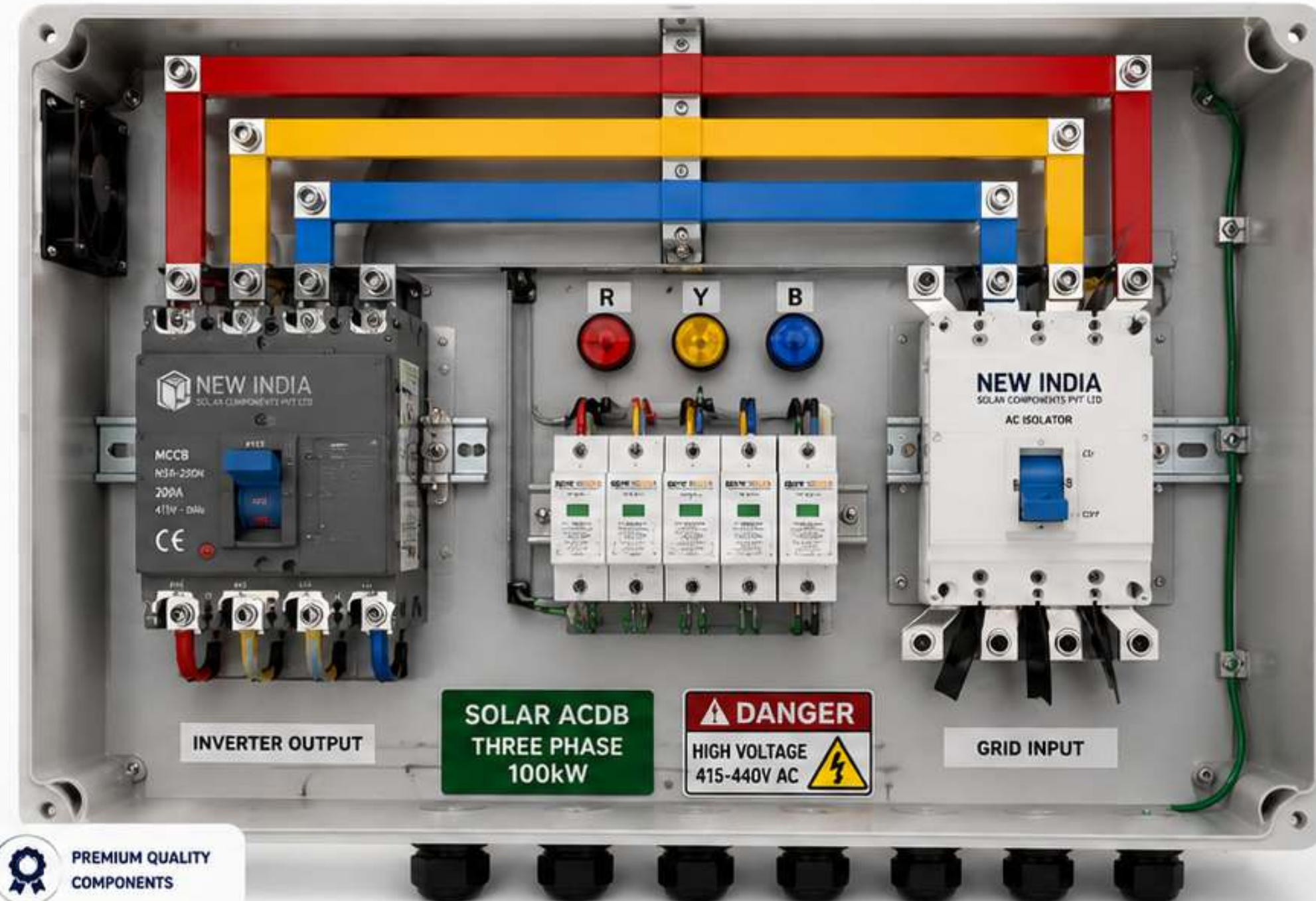
SYSTEM RATING
100kW

BUSBAR RATING
200A

INGRESS PROTECTION
IP65

KEY FEATURES

- ✓ **200A MCCB Protection:** Provides overload and short-circuit protection for AC output.
- ✓ **Type-2 SPD:** Protects inverter and appliances from voltage spikes and lightning surges.
- ✓ **RYB Phase Indicator Lamps:** Shows real-time status of all three phases (Red-Yellow-Blue).
- ✓ **AC Isolator Switch:** Allows safe disconnection for maintenance or emergency.
- ✓ **High Quality Enclosure:** IP65 weatherproof polycarbonate enclosure for outdoor & indoor installations.
- ✓ **Copper Bus Bars & Terminal Blocks:** Ensures low loss and stable current distribution.
- ✓ **Neat Internal Wiring:** Professionally crimped copper wiring for safety and reliability.
- ✓ **Easy Installation:** Pre-wired and ready to use, reducing installation time on site.
- ✓ **Compatible with All Inverters:** Works with on-grid, off-grid and hybrid inverters.
- ✓ **Enhanced Safety:** Protects equipment, wiring and load from AC faults and fluctuations.



TYPE 2 SPD
SURGE PROTECTION

MCCB PROTECTION
(200A)

IP65
WEATHERPROOF

EASY
INSTALLATION

RELIABLE &
SAFE

PREMIUM QUALITY
COMPONENTS

SAFE & RELIABLE
POWER DISTRIBUTION

ADVANCED PROTECTION
FOR YOUR SOLAR SYSTEM

MAKE IN INDIA

SUPPORTING A GREENER TOMORROW

+91 63588 05671 | +91 63588 05672
info@newindiasolar.com
www.newindiasolar.com



OUR COMPLETE RANGE OF SOLAR ACDB BOXES

THREE PHASE | 1 IN 1 OUT

SAFE | RELIABLE | DURABLE | EFFICIENT



SAFE & RELIABLE
Complete Protection



OVERLOAD & SHORT CIRCUIT
MCCB / MCB Protection



SURGE PROTECTION
SPD Type 1 / Type 2



EASY INSTALLATION
Pre-wired & Tested



IP65 WEATHERPROOF
Dustproof & Waterproof



PREMIUM QUALITY COMPONENTS
Trusted & Certified Brands



BUILT FOR PERFORMANCE
ENGINEERED FOR SAFETY



System Rating : 3 kW
Busbar Rating : 32 A
Protection Device : MCB
SPD Type : Type 2
Enclosure : Polycarbonate IP65

₹ 2,250 /Piece



System Rating : 10 kW
Busbar Rating : 32 A
Protection Device : MCCB
SPD Type : Type 1
Enclosure : Polycarbonate IP65

₹ 4,200 /Piece



System Rating : 15 kW
Busbar Rating : 63 A
Protection Device : MCCB
SPD Type : Type 2
Enclosure : Polycarbonate IP65

₹ 5,600 /Piece



System Rating : 20 kW
Busbar Rating : 80 A
Protection Device : MCCB
SPD Type : Type 1
Enclosure : Polycarbonate IP65

₹ 6,600 /Piece



System Rating : 30 kW
Busbar Rating : 63 A
Protection Device : MCB
SPD Type : Type 2
Enclosure : Polycarbonate IP65

₹ 12,500 /Piece



System Rating : 50 kW
Busbar Rating : 100 A
Protection Device : MCCB
SPD Type : Type 2
Enclosure : Polycarbonate IP65

₹ 19,500 /Piece



System Rating : 100 kW
Busbar Rating : 160 A
Protection Device : MCCB
SPD Type : Type 2
Enclosure : Polycarbonate IP65

₹ 32,600 /Piece

KEY FEATURES

- ✓ AC Isolation & Safe Disconnection
- ✓ Overload & Short Circuit Protection
- ✓ Surge Protection (SPD)
- ✓ High Quality Enclosure (IP65)
- ✓ Neat Internal Wiring
- ✓ Copper Busbars & Terminals
- ✓ Suitable for Inverters & Loads
- ✓ Long Life, Maintenance Free
- ✓ Pre-wired & Factory Tested
- ✓ Compatible with On-grid, Off-grid & Hybrid Systems
- ✓ Stable & Reliable Performance
- ✓ Built for Indian Conditions

IDEAL FOR



ON-GRID
SYSTEMS



OFF-GRID
SYSTEMS



HYBRID
SYSTEMS



COMMERCIAL
PROJECTS



INDUSTRIAL
APPLICATIONS



SOLAR
PLANTS

WHY CHOOSE NEW INDIA?

- ✓ 100% Quality Assured
- ✓ Tested as per IS/IEC Standards
- ✓ Premium Quality Components
- ✓ Trusted by Installers Across India
- ✓ Safe, Reliable & Durable
- ✓ Best Performance in All Conditions
- ✓ After Sales Support

COMPLIANT WITH STANDARDS



SAFE ELECTRICAL PROTECTION
FOR YOU & YOUR SYSTEM



ADVANCED PROTECTION
FOR HIGH PERFORMANCE
SOLAR SYSTEMS



**BUILDING A
GREENER INDIA
TOGETHER**



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MORE ABOUT OUR
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