

## About ACDB DCDB

ACDB DCDB Box is also as Alternative Current Distribution Box (ACDB) and Direct Current Distribution (DCDB). ACDB and DCDB both are an important component of Solar System. ACDB and DCDB are basically safety circuit boxes which prevent our appliances.

### Solar ACDB & DCDB Boxes

ACDB is installed after the Solar Inverter but before connected load. While DCDB is installed between Solar Panel and Solar Inverter.

## AC Distribution Box

## Specification of ACDB Box

ACDB (alternative current distribution box) comes with many specifications. The specifications of ACDB may change as per load or inverter capacity. Its detailed specifications is mentioned below.



Ambient	-10 to 60 Degree C
Type of Enclosure	IP65 Polycarbonate Material
Inputs/Outputs	Single Phase ACDB, 3 Phase DCDB
AC Switching	MCCB/MCB Based AC Disconnection
Surge Protection	AC SPD Type 2
Box / Top Cover	Opaque/Transparent

Custom design is also possible as per customer requirement.

## DC Distribution Box

subsidary circuits, which providing a protective fuse or circuit breaker for each circuit. DCDB controls the DC power from solar panel and with having necessary surge protection device (SPD) and fuses. DCDB protect the solar panel, solar inverter and solar battery from any type of damage in solar system. All switches at the circuit breakers, connectors confirm to IEC 60947, part I, II and III.

DCDB also known as Array Junction Box (AJB). It has many features in it. You can check its detailed specifications below.

## Specification of DCDB Box



Ambient	-10 to 60 Degree C
Type of Enclosure	IP66 Polycarbonate Material
Inputs/Outputs	1 in 1Out, 2 in 2Out, 3 in 3Out, 4 in 4Out
DC Switching	600/1000/1500VDC Disconnection
Surge Protection	DC SPD Type 2, Fuse with or without Indications
Box / Top Cover	Opaque/Transparent

Specifications of DCDB may change as per solar panel or number of strings or as per site conditions.