



SPEQTA POWER PVT LTD.

PRODUCT BROCHURE

ACDB / LT PANEL BROCHURE FOR SOLAR POWER PLANT

Solar Feeder Panel

Solar Feeder Panels Provide local isolation to your electrical distribution equipment's and protects the system from Faults. Feeder panels allow simple and local maintenance to your equipment, reducing site downtime and reducing overall maintenance costs. We can offer a comprehensive range of feeder panels which come fully assembled to meet your specification, allowing easy onsite installation.



DC Distribution Box

Solar DCDB - is used to protect the system if there is any fault during failure on DC side. A very crucial part of SPV system as there should be adequate protection on DC side. The DCDB incorporates isolator/Breaker to switch off the system during fault, there is a meter which tells you exact PV array voltage and current you are getting. It also have surge protection to save your system from any surges occurred due to fault or other phenomenon.

Array Junction Box DCDB Diagram



Specification of DCDB Box

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

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 (OPTIONAL)
Surge Protection	DC SPD Type 2, Fuse with or without Indications
Box / Top Cover	Opaque/Transparent

Custom design is also possible as per customer requirement.

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

Solar ACDB - is an important part of SPV system. It gives extra protection to the system in case of failures on load side. ACDB is made up of breaker, isolators, voltage and current monitoring etc. To ensure maximum protection to the sophisticated electronic equipment, It has provision for surge protection in the box along with fuses. Also ACDB have energy meter which help you to know how much energy you are using or withdrawing from the solar energy.

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	IP66 Polycarbonate Material
Inputs/Outputs	Single Phase ACDB, 3 Phase ACDB
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.



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