

## Troubleshooting Tips

When DC – DC CONVERTER does not function properly, please check the following Troubleshooting Table before returning a unit. If the product still has a problem, please contact our Customer Service desk.  
This Troubleshooting Table is applicable for DC – DC CONVERTER with Model Nos. DY 224500(2U), DY 224500, DY 248500A, DY 248500B and DY 3481K2.

### Different Fault Indications provided by LED's on Front Panel of System:

Fault	Fault Description	Corrective Action
Input Supply below the Operating range	Input voltage on I/P terminal goes below rated voltage.	Check input voltage to the system. Check the excessive wire drop from Module I/P Connector to Input Terminal. Tighten all Terminal Bolts /screws for minimizing Voltage drop so that Input supply is available within required range.
No Dc Input	Input Voltage at I/P terminal is zero.	Keep Input MCB ON. Check Input connection to the Rack and Modules. Check Input fuse on each Module.
No Dc Output	Output voltage is zero.	Keep Output MCB ON. Check Output connection to the Rack and Modules. Check DC Input to all the Modules. Check DC Output of all the Modules.
Rack Buzzer Activates	Buzzer get activated for any Module FAIL or Module MCB kept OFF. O/P of any Module will shutdown due to output Over Voltage or excessive temperature rise inside.	Look for the faulty Module and Replace.

### Fault indication on front panel of DC-DC Converter Modules:

For DC-DC Converter Modules DY 48500A, DY 48500B, DY 24500, DY 24500(U) and DY 24500 only.

Fault Indication	Fault Description	Corrective Action
ON LED	LED lights ON when Module is OK. LED goes OFF when Module fails and Buzzer gets activated.	If LED is OFF, buzzer gets activated for any Module fail or Module MCB kept OFF or any Module shutdown due to output over voltage. To identify the fault, switch OFF output MCB of the faulty Module and turn ON input MCB, if output of Module shows zero, then replace the Module.

For DC-DC Converter Module DY 481K2 only.

Fault Indication	Fault Description	Corrective Action
OFF LED	LED lights OFF when module is OK. LED lights ON when Module fails and Buzzer gets activated.	If LED is ON, buzzer gets activated for any Module fail or Module MCB kept OFF or any Module shutdown due to output over voltage. To identify the fault switch OFF output MCB of the faulty Module and turn ON input MCB, if output of Module shows zero, then replace the Module