



- High Efficiency
- High Precision
- Overload Protection
- Short Circuit Protection

TEKLAB INDIA SOLUTIONS is manufacturer of high precision, high reliability **DC-DC Converter** in Bangalore, India. **TEKLAB DC to DC Converter** is designed to provide 48V DC to 5V DC power conversion for heavy duty applications.

APPLICATIONS

- ✓ Automotive
- ✓ Telecommunications
- ✓ Distributed Power
- ✓ And other applications requiring High efficiency
- ✓ Defense
- ✓ Aerospace
- ✓ Medical

CUSTOMISED OUTPUT RANGES ARE AVAILABLE AS PER REQUEST
FIND THE STANDARD MODELS AND SPECIFICATIONS BELOW

TECHNICAL SPECIFICATION

a) TL4805-2A

Input Voltage	43-53V
Input Current	330mA
Output Voltage	5V
Output Current	2A
Output Terminal	USB
Power	10W
Input to Output Box	Isolated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1.5Kg Approx
Dimension (W x H x D)	155× 90 × 200mm Approx

b) TL7512-7A

Input Voltage	68V DC to 82V DC
Output Voltage	12V DC
Output Current	7A
Output Terminal	USB
Power	84W
Input to Output	Isolated
Box	Metal Enclosure with Powder coated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1Kg Approx
Dimension (W x H x D)	155× 90 × 160mm Approx

c) TL2412-10A

Input Voltage	24V DC
Input Current	5A
Output Voltage	12V DC
Output Current	10A
Output Terminal	USB
Power	120W
Input to Output	Isolated
Box	Metal Enclosure with Powder coated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1.5Kg Approx
Dimension (W x H x D)	155× 90 × 200mm Approx

d) TL1219-5A

Input Voltage	12V DC
Input Current	11A
Output Voltage	19.5V DC
Output Current	5A
Output Terminal	USB
Power	100W
Input to Output	Isolated
Box	Metal Enclosure with Powder coated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1Kg Approx
Dimension (W x H x D)	155× 90 × 160mm Approx

e) TL1224-12A

Input Voltage	12V DC
Input Current	25A
Output Voltage	24V DC
Output Current	12.5A
Output Terminal	USB
Power	300W
Input to Output	Isolated
Box	Metal Enclosure with Powder coated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1Kg Approx
Dimension (W x H x D)	155× 90 × 160mm Approx

f) TL2424-14A

Input Voltage	20-30V DC
Input Current	20A
Output Voltage	24V DC
Output Current	14A
Output Terminal	USB
Power	360W
Input to Output	Isolated
Box	Metal Enclosure with Powder coated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1.5Kg Approx
Dimension (W x H x D)	155× 90 × 200mm Approx

g) TL8024-2A

Input Voltage	70-90V DC
Input Current	0.6A
Output Voltage	24V DC
Output Current	24A
Output Terminal	USB
Power	48W
Input to Output	Isolated
Box	Metal Enclosure with Powder coated
Operating Temperature	0 to 50 °C
Storage Temperature Range	- 20°C to + 70°C
Weight	1Kg Approx
Dimension (W x H x D)	155× 90 × 160mm Approx

h) TL110110-5A

Input Voltage	100-130V DC
Output Voltage	110V DC (REGULATED)
Output Current	5A DC
Power	550W
Input to Output	Isolated
Reverse Polarity	200V
Box	Metal Enclosure with Powder coated
Operating Temperature	-20 to 80 °C
Storage Temperature Range	- 55°C to + 105°C
Weight	1.5Kg Approx.
Dimension (W x H x D)	155× 95 × 242mm



Manufactured by,
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