

# LDC Series DC - DC CONVERTER



## APPLICATIONS

- Telecommunication system.
- Computer system.
- Industrial control.
- Automobiles.

## STANDARD FEATURES

- Standard 19" / 21" rack enclosure.
- Modular design.
- MOSFET / IGBT technology.
- Input / Output under-voltage, over-voltage protection.
- Input power reverse polarity protection.
- Output overload and short circuit protection.

## OPTIONAL FEATURES

- Custom-built enclosure.
- Analog / Digital meters for input / output voltage & current.
- LCD display for metering.
- LCD message readout for multi alarms.
- RS 232 / dry contact communication interface.
- Parallel connections to increase output current capacity.

## GENERATION TECHNICAL SPECIFICATIONS

### INPUT

Voltage DC : 12V / 24V / 48V / 110V.  
Voltage tolerance : -15% to +25%.  
Ripple / noise : Not more than 1%.

### OUTPUT

Voltage DC : 12V / 24V / 48V / 110V.  
Ripple / noise : 1% or 2mV psophomorphically weight for communication equipment.  
Voltage stability : +/- 1% against input voltage and 100% load variation simultaneously.  
Current limit : 105% of rated output.  
Short circuit current : 10% of current rating with current fold-back function.

### PROTECTION

Input : MCB / Fuse and MOV surge suppressor.  
Output : MCB / Fuse and electronics current overload and short circuit.  
: MOV for surge suppressor.

### ENVIRONMENTAL

Temperature : 0 to 40 deg.C.  
Humidity : 0 to 95% non-condensing.  
Audible noise : Not more than 50dBA at 1meter.