

## GDK2002

### Non-Isolated Bidirectional Pass-Thru & Battery Backup

# KOLT

#### Features

- 20-34 Vdc Input
- Regulated 28 Vdc Output
- For Rechargeable BB2590 Li-Ion Batteries
- Input Power Charges Battery and Simultaneously Power Load
- Automatically Switches Over to Battery Power When External Removed
- Battery Fuel Indicator
- State of Charge Indicator
- Built-In-Test (BIT)
- RS422/485 Interface
- On - Off Switch to Power Down Circuit During Storage
- Constant Current Mode
- Constant Voltage Mode



GDK2002 Non-Isolated Bidirectional Pass-Thru & Battery Backup is an uninterruptible power unit designed for BB2590 batteries. When the input voltage is applied, it transmits the input voltage to the output line. At the same time, it charges the battery by taking advantage of the energy at the input. When there is no input voltage, it supplies the output voltage from the battery without interrupting the output voltage. In case of feeding from the battery, the output voltage is given as regulated 28 Vdc.

Input Voltage	20-34 Vdc Input
Output Voltage	28 Vdc Output
<b>Environmental Test</b>	
	Designed to meet;
Temperature	-40°C to +65°C (Storage Temperature)   -30°C to +50°C (Operating Temperature)
Humidity/Vibration	MIL-STD-810D
Low Pressure	MIL-STD-810F
Shock/Sand and Dust/Corrosion	MIL-STD-461G CE102, CE106, CS101, CS114, CS115, CS116, RE101, RE102, RS101, RS103
<b>Physical Features</b>	
Dimensions	117 x 64 x 39 mm

Outline Drawing(mm)

