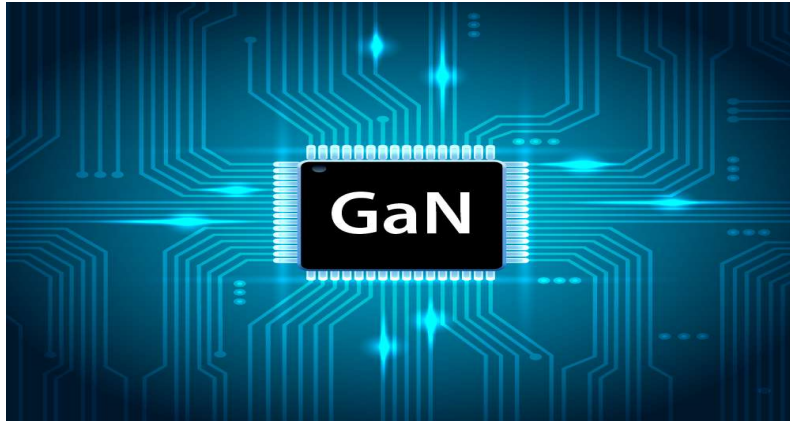


## EasyReach SMPS-UPS for Industrial Routers – Powered with GaN Technology

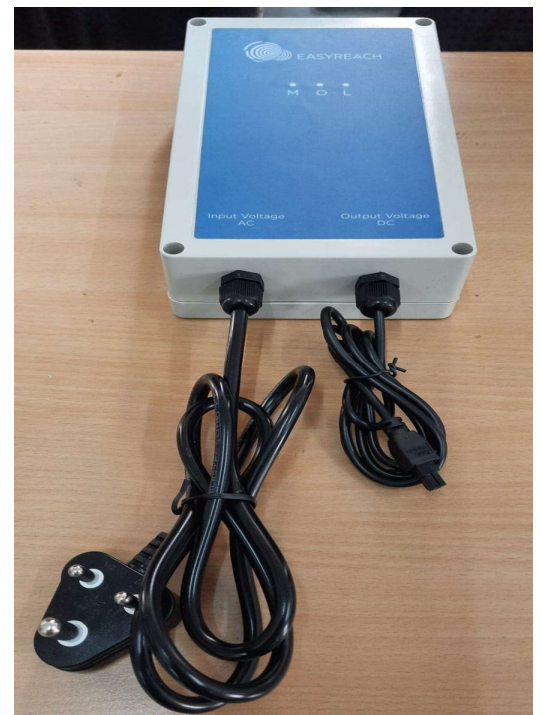


### Business Overview

The SMPS-UPS for Industrial Routers GaN Technology inside equipment on field often experiences Power Cut, Uneven Power Supply and Power Fluctuations, which may cause Interrupted Service or Damage to Equipment. EasyReach Solutions has developed and implemented a Battery based SMPS-UPS for Industrial Routers,

Features of the solution are as follows;

- Plug – N – Play Easyreach IoT- SMPS-UPS
- Uninterrupted Power Supply to Industrial Routers
- Battery Operated device
- Upto1 Hours of Power Backup
- Lithium Ion Replaceable Battery with BMS
- No need of extra SMPS
- GaN Technology inside
- Input Protection Voltage - Under / Over
- Over Current Protection, Short Circuit Protection
- Compact in size
- 100% designed and made in India
- Zero lag switching
- 1 Year Warranty



## Physical Properties

Description	Details
<b>Enclosure type</b>	Heat Resistant ABS
<b>LED Indicators</b>	Mains, Output, Low Battery
<b>Indicator Definition</b>	Charging (On Mains), On Battery
<b>Weight</b>	~1000 Grams
<b>Dimensions</b>	200 MM(L) x 120 MM (W) x 55 MM (H)
<b>Fitting</b>	Screw Mounting
<b>Operating Temperature</b>	Charge: 0 ~ 45°C; Discharge: -20 ~ 60°C
<b>Storage Temperature</b>	During 1 month: -5 ~ 35°C During 6 months: 0 ~ 35°C

## Safety

Description	Details
<b>Surge Protection</b>	2 KVA
<b>Safety Protections</b>	Surge Protection, Current Fluctuations, Discharge, Short Circuit
<b>Design Compliance</b>	CE & RoHS Certifications

## I/O

Description	Details
<b>Input Voltage</b>	90 – 270V AC
<b>Output Voltage</b>	12V
<b>Output Current</b>	3A
<b>Wattage</b>	Upto 36W
<b>Model Number</b>	ER IoT – SMPS-UPS 12V-3A

## Battery Properties

Description	Details
<b>UPS Power Backup</b>	Upto 1 Hours
<b>Battery Type</b>	Lithium - ION
<b>Battery Capacity</b>	3 cell X 3000 mAh
<b>Battery cycles</b>	500 Cycles
<b>Battery Management System</b>	Yes