

Business Overview

The UPS Adapter 12V, 1.5A 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 UPS Adapter which supports stable power supply and Power Backup of Up to 2 hour.

Features of the solution are as follows;

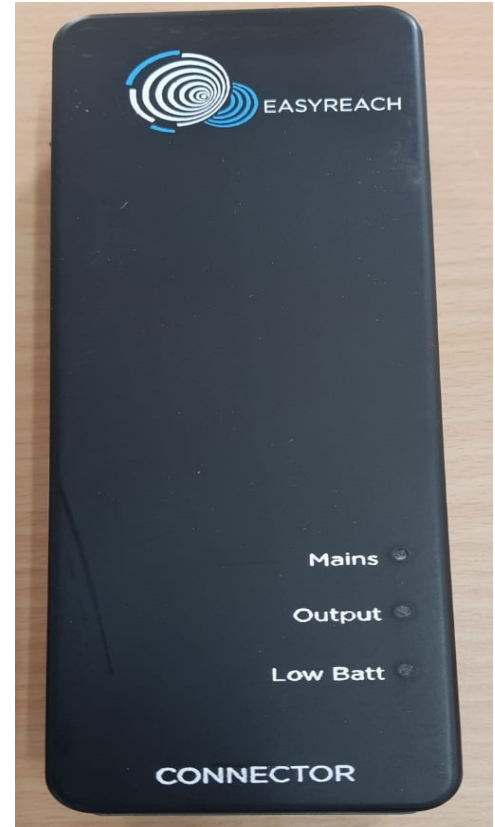
- Plug – N – Play Easyreach IoT- UPS Adapter 12V, 1.5A
- Surge Control – Up to 300 V
- Uninterrupted Power Supply, Up to 2 Hour
- Battery Operated device

Physical Properties

Description	Details
Enclosure type	Heat Resistant ABS
LED Indicators	Charging, Discharging, Low Battery
Indicator Definition	Charging (On Mains), On Battery
Weight	Approximately 300 Grams
Dimensions (LxWxH)	180 MM(L) x 60 MM (W) x 35 MM (H)
Fitting	Press Fit
Operating Temperature	0 to 85 Degree Centigrade (+/- 5%)

Safety

Description	Details
Surge Protection	2 KVA
Safety Protections	Surge Protection, Current Fluctuations, Discharge, Short Circuit
Design Compliance	UL/CE Certifications



I/O

Description	Details
Terminal Block	10 Pin Plug In Terminal Block 300V @ 8Amp
Input Voltage	110 – 300V AC
Output Voltage	12V @ 1.5 Amp
Model Number	ER IoT – UPS 12V_1.5A

Battery Properties

Description	Details
UPS Power Backup	Up to 2 Hours
Battery Type	Lithium - ION
Battery Capacity	3 X 2000 mAh
Battery cycles	300 Cycles
Battery Management System	Yes