



DC UPS SERIES 2

Uninterruptable Battery Backup System For Base Station Radios



The ICT DC UPS Series 2 is a backup solution that provides a sleek, integrated approach to solving the base station backup problem. ICT has combined backup batteries, smart-charging power supply, low-voltage disconnect and enclosure, all pre-assembled into one integrated solution to provide hours of backup run time for your mission critical base station radios. The DC UPS Series 2 automatically switches the radio to the battery source when AC fails to provide uninterrupted DC power to the radio for up to 8 hours.

- ▶ Incorporates ICT IntelliCharge Series state of the art DC power supply and battery charger
- ▶ Universal power factor corrected AC input works anywhere in the world
- ▶ Intelligent three stage charging cycle charges batteries quickly and maintains in optimal condition
- ▶ LED status indicators or optional high-resolution OLED digital display
- ▶ 14.4 Amp hour internal sealed lead acid battery
- ▶ External battery protection fuse
- ▶ Rugged terminal block connection
- ▶ Built in low voltage disconnect protects battery from over discharging
- ▶ Zero transfer time when AC fails means load is never disrupted

The ICT IntelliCharge Series design allows the battery charge to be regulated independently from the DC outputs, meaning that the battery will always receive the optimal charging current without the load being affected. Intelligent 3-stage charging will bring a battery back to a full state of charge much faster than trickle or float charging.

High Reliability

- ▶ 100% uptime for critical base station radios
- ▶ Provides up to eight hours of back up run time (depending on radio model and usage)
- ▶ -30C to +60C operating temperature range

Performance & Functionality

- ▶ Efficient, compact design saves valuable space
- ▶ Integrated batteries make set up and wiring a breeze
- ▶ Form C alarm contacts can provide remote alarms
- ▶ Temperature compensated charging ensures batteries are charged to full capacity in cold environments and protected from over-charging in hot environments
- ▶ Small, efficient package means you don't have to give up a lot of space for backup
- ▶ Available with integrated covers designed to fit popular land mobile radio models

Specifications

| | |
|------------------------|------------------------|
| Input Voltage Range | 100-265VAC |
| Input Frequency | 50/60Hz |
| Output Voltage | 13.6VDC |
| Output Current (cont) | 12 Amps |
| Output Current (peak) | 15 Amps |
| Op Temp Range | -30C to +60C |
| Battery Capacity | 14.4 Ah |
| Battery Type | SLA |
| Transfer Time | Zero seconds |
| Low Voltage Disconnect | 11.0 VDC |
| Warranty | 3 Years ^(a) |

(a) One year on internal battery

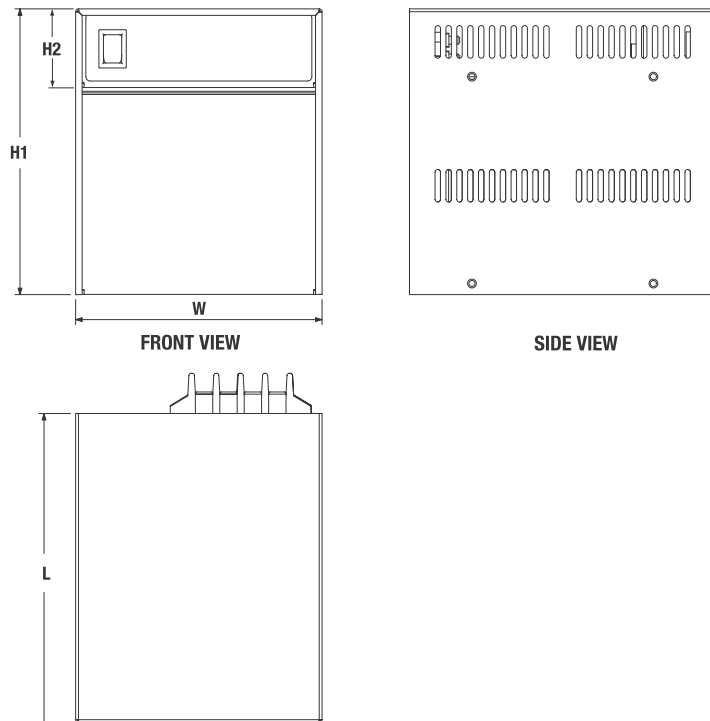
Model Selection Guide

| DC UPS BACKUP SYSTEM - Not Including Custom Cover For Radio | |
|-------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ICT24012-15IBD | Includes 15 Amp IntelliCharge Series DC power supply/charger with 12VDC output, low voltage disconnect, 14.4AH battery, output connectors to connect to radio. |
| ICT24012-15IBDM | Includes 15 Amp IntelliCharge Series DC power supply/charger with OLED digital display for voltage, current, and charge rate, low voltage disconnect, 14.4AH battery, output connectors to connect to radio. |

Dimensions

DIMENSIONS IN INCHES (MILLIMETRES)

| L | W | H1 | H2 |
|-----------|-----------|-----------|----------|
| 7.6 (193) | 7.1 (180) | 6.6 (168) | 1.8 (46) |



| DC UPS SERIES 2 COMPLETE STATIONS - With Custom Covers For Radio Models | |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CS240-15IBD/MOT12 <i>For Radio Models</i> | Includes IntelliCharge 15A power supply/charger, low voltage disconnect, 14.4AH battery, and Motorola cover <i>XTL1500, XTL2500, XTL5000 (ICT Cover Includes Speaker)</i> |
| CS240-15IBD/MOT13 <i>For Radio Models</i> | Includes IntelliCharge 15A power supply/charger, low voltage disconnect, 14.4AH battery, and MOTOTRBO cover <i>MOTOTRBO XPR4350/4380, XPR4550/4580, XPR4300, XPR4500</i> |
| CS240-15IBD/MOT17 <i>For Radio Models</i> | Includes IntelliCharge 15A power supply/charger, low voltage disconnect, 14.4AH battery, and Motorola cover <i>APX 4500</i> |
| CS240-15IBDG/KEN11 <i>For Radio Models</i> | Includes IntelliCharge 15A power supply/charger, low voltage disconnect, 14.4AH battery, and Kenwood cover <i>TK5720/5820, TK7160/8160, TK7180/8180</i> |