



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)
- ▶ -15°C to +40°C 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
- ▶ Battery pack available separately

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 ^(a)	-15°C to +40°C
Battery Capacity	14.4 Ah
Battery Type	SLA
Transfer Time	Zero seconds
Low Voltage Disconnect	11.0 VDC
Warranty	2 Years ^(b)

(a) Based on battery manufacturer's specifications

(b) 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.
ICT 24012-15IBDM	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.
ICT12-14BP2	Standalone 14.4AH Battery with Enclosure and terminal block outputs

Dimensions

DIMENSIONS IN INCHES (MILLIMETRES)

L	W	H1	H2	H3
7.6 (193)	7.1 (180)	6.6 (168)	1.8 (46)	4.7 (120)

