



ICT DC UPS SERIES



ICT12012-12IBX

FEATURE HIGHLIGHTS

- Microprocessor Controlled
- Three stage charge cycle
- LED status indicators
- High efficiency
- Internal SLA batteries
- External battery protection fuse
- Rugged terminal block connection
- Undervoltage lockout
- Zero transfer time

PRODUCT INFORMATION

The DC UPS Series is a full-function DC backup system complete with internal sealed lead acid batteries. Based on our industry proven switchmode conversion designs, this compact system is rugged and efficient. The charger is microprocessor controlled and restores power quickly and efficiently to the batteries using an advanced three stage charge algorithm. When the batteries are fully charged the system keeps the batteries active by restarting the cycle every 20 days. When AC power is not available, the system monitors the battery voltage and disconnects the batteries when the terminal voltage falls below 10.5VDC. Front panel LED indicators show charge mode as well as AC status. Select base station covers are available that match up the system with some radios – stock covers are listed below. Please contact factory for availability on other versions.

COMPLETE SYSTEM (CHARGER AND BATTERIES)

	Input Voltage Range	Input Frequency	Output Voltage	Output Current (Cont.)	Output Current (Peak)	Current Limiting	Efficiency (Typical)	# of Batteries	Battery Capacity	Battery Type	Transfer Time	Battery Disconnect Voltage
ICT12012-12IB*	100-130 VAC	50/60 Hz	13.6 VDC	10.0 Amps	12.0 Amps	12.5 Amps	>80%	1	7.2 AH	Sealed Lead Acid	NONE	10.5 VDC
ICT12012-12IBD*	100-130 VAC	50/60 Hz	13.6 VDC	10.0 Amps	12.0 Amps	12.5 Amps	>80%	2	14.4 AH	Sealed Lead Acid	NONE	10.5 VDC

CHARGER ONLY

	Input Voltage Range	Input Frequency	Output Voltage	Output Current (Cont.)	Output Current (Peak)	Current Limiting	Efficiency (Typical)	# of Batteries	Battery Capacity	Battery Type	Transfer Time	Battery Disconnect Voltage
ICT12012-12BC*	100-130 VAC	50/60 Hz	13.6 VDC	10.0 Amps	12.0 Amps	12.5 Amps	>80%	0	N/A	Sealed Lead Acid	NONE	10.5 VDC

BATTERY PACK ONLY

	Output Voltage	Current Limiting	# of Batteries	Battery Capacity	Battery Type
ICT12-7B*	12 VDC	15A Fuse	1	7.2AH	Sealed Lead Acid
ICT12-14B*	12 VDC	15A Fuse	2	14.4AH	Sealed Lead Acid

BASE STATION COVERS CURRENTLY AVAILABLE (contact ICT for other versions)

- CS120-12IBD/KEN5 (DC UPS system plus cover for Kenwood TK760G and similar radios)
- CS120-12IBD/MOT7 (DC UPS system plus cover for Motorola CDM1250, CDM1550 radios)
- CS120-12IBDG/KEN11 (DC UPS system plus cover for Kenwood TK7180, TK8180, TK5720, TK5820, NX700, NX800 radios)
- CS120-12IBDG/IC02 (DC UPS system plus cover for ICOM F1020, F2020, IC-A110 radios)
- CS120-12IBD/MOT12 (DC UPS system plus cover for Motorola XTL1500, 2500, and 5000 radios, including speaker)

Innovative Circuit Technology Ltd.
 26921 Gloucester Way Langley, BC, Canada V4W 3Y3
 Tel.604.856.6303 Fax.604.856.6365 technical@ict-power.com www.ict-power.com

Every reasonable effort has been made to ensure that ICT product manuals and promotional materials accurately describe ICT product specifications and capabilities at the time of publication. However, because of ongoing improvements and updating of ICT products, ICT cannot guarantee the accuracy of printed materials after the date of publication and disclaims liability for changes, errors or omissions.

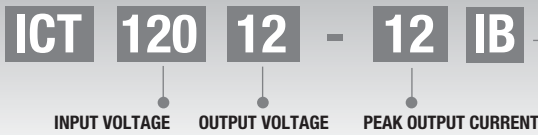
800-146-000C

ICT LOGOS AND SLOGAN COPYRIGHT INNOVATIVE CIRCUIT TECHNOLOGY LTD.



ICT DC UPS SERIES

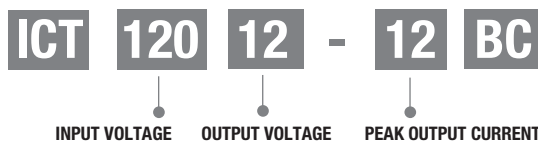
*ORDERING INFORMATION: COMPLETE STATION (CHARGER AND BATTERIES)



CONFIGURATION

- IB** - Single Battery 7.1" Width **IBD** - Dual Battery 7.1" Width
- IBG** - Single Battery 6.4" Width **IBDG** - Dual Battery 6.4" Width
- IBX** - Single Battery 5.6" Width **IBDX** - Dual Battery 5.6" Width

*ORDERING INFORMATION: CHARGER ONLY



CONFIGURATION

- BC** - 7.1" Width
- BCG** - 6.4" Width
- BCX** - 5.6" Width

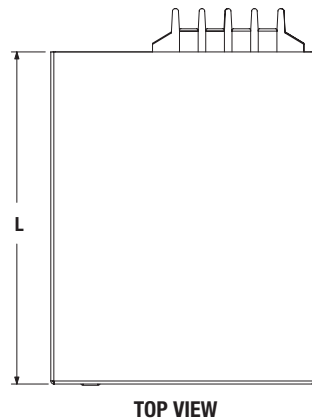
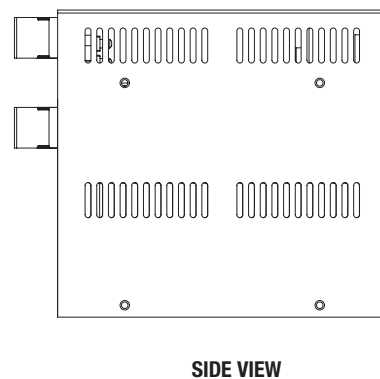
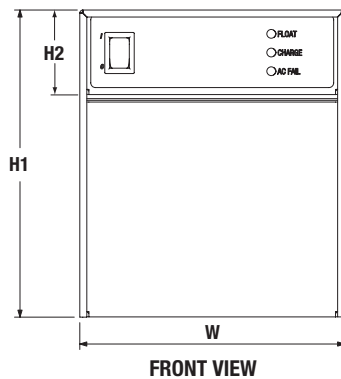
*ORDERING INFORMATION: BATTERY PACK ONLY



CONFIGURATION

- B** - 7.1" Width
- BG** - 6.4" Width
- BX** - 5.6" Width

DIMENSIONS



DIMENSIONS IN
INCHES (MILLIMETRES)

	L	W	H1	H2
IB	7.6 (193)	7.1 (180)	6.6 (168)	1.8 (46)
IBG	7.6 (193)	6.4 (162)	6.6 (168)	1.8 (46)
IBX	7.1 (180)	5.6 (142)	6.6 (168)	1.8 (46)

Every reasonable effort has been made to ensure that ICT product manuals and promotional materials accurately describe ICT product specifications and capabilities at the time of publication. However, because of ongoing improvements and updating of ICT products, ICT cannot guarantee the accuracy of printed materials after the date of publication and disclaims liability for changes, errors or omissions.