



POWER SUPPLIES

The ICT Comm Series switching power supplies deliver continuous trouble free operation and incorporate extra filtering, providing a noise free environment for a wide range of communications equipment. The low profile design features the standard footprint for mobile radios.

A - 7.1" Case Width
AG - 6.4" Case Width
AX - 5.6" Case Width



105V - 130V AC Input; 13.8V DC Output

ICT12012-10A 10 Amp

ICT12012-10AG 10 Amp

7.5A Continuous / 10A Peak - 13.8V Output

ICT12012-12A 12 Amp

ICT12012-12AG 12 Amp

10A Continuous / 12A Peak - 13.8V Output

ICT12012-15A 15 Amp

ICT12012-15AG 15 Amp

13A Continuous / 15A Peak - 13.8V Output

ICT12012-20A 20 Amp

17A Continuous / 20A Peak - 13.8V Output

ICT12012-30A 30 Amp

25A Continuous / 30A Peak - 13.8V Output

90V - 130V AC Input; 27.6V DC Output

ICT12024-15A 15 Amp

13A Continuous / 15A Peak - 27.6V Output

Accessories

ICT-RMK1 19" Rack Mount Kit

ICT12-30BM Battery Back Up Module

Base Station Covers For 2-Way Radio Integration

BASE-EF5

Hood For EF Johnson 53SL ES - Use With ICT12012-15A Power Supply

BASE-ICO4

Hood For Icom F5011, F6021S - Use With ICT12012-15AG Power Supply

BASE-ICO8

Hood For Icom F9511HT - Use With ICT12012-30A Power Supply

BASE-ICO9

Hood For Icom F5061, F6061 - Use With ICT12012-20AG Power Supply

BASE-ICO11

Hood For Icom A120 - Use With ICT12012-12AG Power Supply

BASE-KEN5

Hood For Kenwood TK760G/762G/860G/862G/863G/780 - Use With AX Power Supplies

BASE-KEN11

Hood For Kenwood TK7160/7180/8160/8180/5720/5820 - Use With AG Power Supplies

BASE-KEN12

Hood For Kenwood TK7160H/7180H/8160H/8180H/NX700/800 - Use With AG Power Supplies

BASE-MOT11

Hood For Motorola CM200, CM300, PM400 - Use With ICT12012-10A Power Supply

BASE-MOT12

Hood For Motorola XLT 1500, XLT 2500 - Use With ICT12012-10A Power Supply

BASE-MOT14

Hood For MOTOTRBO 4500,4550,4580- Use With ICT12012-20A Power Supply

BASE-MOT16

Hood For Motorola CM200D, CM300D - Use With ICT12012-20A Power Supply

BASE-MOT18

Hood For Motorola APX 6500 (includes speaker) - Use With ICT12012-20A Power Supply

BASE-TAT2

Hood For Tait TM9100/9400 - Use With ICT12012-12AG Power Supply

PRO SERIES 1RU POWER SUPPLIES

The core of the Pro Series is derived from the state of the art ICT Digital Series power supply design that delivers high efficiency, power factor corrected AC input, space saving 1RU chassis, FCC Class B low noise rating, and an optional battery backup terminal with low voltage disconnect.



100V - 264V AC Input; 13.8V DC Output

ICT690-12S 50 Amp

ICT690-12SB 50 Amp w/Battery Back Up

BATTERY CHARGERS

Microprocessor controlled. Operates as a DC UPS, designed to quickly and efficiently charge lead acid batteries while powering a load. When no AC input voltage is present, the load is powered from the battery. 3-Stage charging process: Bulk, Top-off, Float.



ICT12012-12BC 110V Operation - 12V Output

10A Continuous / 12A Peak - 12.0V - 14.4V Output



INTELLICHARGE SERIES DC POWER SUPPLY & 3 STAGE BATTERY CHARGERS

- PFC 100-265VAC Input Voltage
- -30°C To +60°C Operating Temperature
- Intelligent 3-Stage Battery Charging
- Integrated LVD
- Temperature Compensated Charging
- Form C Alarm Contacts
- Optional 1RU Rack Mount Kit
- 3-Year Warranty



13.65 VAC Output

ICT24012-15BC2

Input: 100 - 265VAC Output: 13.65VAC Output Current: 12.0 Cons. / 15.0 Peak

ICT24012-15BC2M w/OLED Display

Input: 100 - 265VAC Output: 13.65VAC Output Current: 12.0 Cons. / 15.0 Peak

ICT24012-30BC2

Input: 100 - 265VAC Output: 13.65VAC Output Current: 30.0 Cons. / 30.0 Peak

ICT24012-30BC2M w/OLED Display

Input: 100 - 265VAC Output: 13.65VAC Output Current: 30.0 Cons. / 30.0 Peak

27.30 VAC Output

ICT24024-7BC2

Input: 100 - 265VAC Output: 27.30VAC Output Current: 6.0 Cons. / 7.5 Peak

ICT24024-7BC2M w/OLED Display

Input: 100 - 265VAC Output: 27.30VAC Output Current: 6.0 Cons. / 7.5 Peak

ICT24024-15BC2

Input: 100 - 265VAC Output: 27.30VAC Output Current: 15.0 Cons. / 15.0 Peak

ICT24024-15BC2M w/OLED Display

Input: 100 - 265VAC Output: 27.30VAC Output Current: 15.0 Cons. / 15.0 Peak

54.60 VAC Output

ICT24048-7BC2

Input: 100 - 265VAC Output: 54.60VAC Output Current: 7.5 Cons. / 7.5 Peak

ICT24048-7BC2M w/OLED Display

Input: 100 - 265VAC Output: 54.60VAC Output Current: 7.5 Cons. / 7.5 Peak

DC UPS BACKUP SYSTEM

- PFC 100-265VAC Input Voltage
- -30°C To +60°C Operating Temperature
- Intelligent 3-Stage Battery Charging
- Integrated LVD
- Temperature Compensated Charging
- Form C Alarm Contacts
- Optional 1RU Rack Mount Kit
- 3-Year Warranty



Includes 15 Amp IntelliCharge Series DC power supply/charger with 12VDC output, low voltage disconnect, 14.4AH battery, output connectors to connect to radio.

13.65 VAC Output

ICT24012-15IBD

Input: 100 - 265VAC Output: 13.65VAC Output Current: 12.0 Cons. / 15.0 Peak

ICT24012-15IBDM w/OLED Display

Input: 100 - 265VAC Output: 13.65VAC Output Current: 12.0 Cons. / 15.0 Peak

12V & 24V N+1 REDUNDANT POWER SYSTEMS

True redundancy means that even if there is a failure in any part of a module, the other modules continue to supply power. These are 3 module, 13.8 Volt redundant power supplies - switchable between 110V and 220V inputs. Includes a Dsub connector with system monitoring functions. Available with wall mount brackets or rackmount adapter.



120V or 220V Switchable 1 Module Redundant Power System

ICT22012-35N 35 Amp

34A Continuous / 34A Peak - 13.8V Output

120V or 220V Switchable 2 Module Redundant Power System

ICT22024-35N 36 Amp

17A Continuous / 36A Peak - 27.6V Output

ICT22012-70N 35 Amp

34A Continuous / 70A Peak - 13.8V Output

ICT22012-70NM 35 Amp w/Meter

34A Continuous / 70A Peak - 13.8V Output

120V or 220V Switchable 3 Module Redundant Power System

ICT22012-100N 105 Amp

68A Continuous / 105A Peak - 13.8V Output

120V or 220V Switchable 4 Module Redundant Power System

ICT22024-70N 70 Amp

41A Continuous / 70A Peak - 27.6V Output

ICT22012-140NM 127 Amp w/Meter

83A Continuous / 127A Peak - 13.8V Output

Module

ICT12-30N

12V 30A Module for ICT22012's

ICT24-17N

24V 17A Module for ICT22012's





DC-DC POWER CONVERTERS

- Vibration & Moisture Resistant
- Rugged Case
- Fuse Protection
- No Internal Wiring
- Overvoltage Protection
- Current Limiting
- Terminal Block Output Connector
- High Efficiency
- Rack Mounting Option Available



ICT2412-2.5A 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 2.5A Continuous / 2.5A Peak

ICT2412-5A™ 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 5A Continuous / 5A Peak

ICT2412-10A 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 10A Continuous / 10A Peak

ICT2412-15A 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 13.5A Continuous / 15A Peak

ICT2412-20A 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 16A Continuous / 20A Peak

ICT2412-30A 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 25A Continuous / 30A Peak

ICT2412-40A 20-30VDC Input, 13.8VDC Output

20VDC - 30VDC Input to 13.8VDC Output - 31A Continuous / 41A Peak

ICT50100-20AIW 50-100VDC Input, 13.8VDC Output

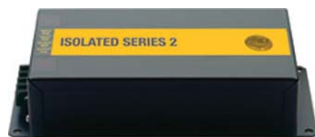
50VDC - 100VDC Input to 13.8VDC Output - 17A Continuous / 20A Peak

ICT-RMK2™ Rack Mount

Rack Mount For DC-DC Converters - 1-3 Unit Capacity

ISOLATED SERIES 2 DC-DC POWER CONVERTERS

- High Efficiency Design Saves Energy Loss
- Extra On-Off Contact Terminal To Conserve Battery Life
- Built-in Protection Features
- Moisture And Vibration Resistant
- 3 Year Warranty



ICT1212-12AI2 12V DC In, 12V DC Out

12V DC Input to 12V DC Output - 10A Continuous / 12A Peak

ICT1224-10AI2 12V DC In, 12V DC Out

12V DC Input to 12V DC Output - 8A Continuous / 10A Peak

ICT1224-20AI2 12V DC In, 12V DC Out

12V DC Input to 12V DC Output - 17A Continuous / 20A Peak

ICT206012-12AI2 24V DC In, 12V DC Out

24V DC Input to 12V DC Output - 10A Continuous / 12A Peak

ICT206012-20AI2 24V DC In, 12V DC Out

20-60V DC Input to 12V DC Output - 17A Continuous / 20A Peak

ICT206012-35AI2 24V DC In, 12V DC Out

20-60V DC Input to 12V DC Output - 32A Continuous / 35A Peak

ICT206024-20AI2 24V DC In, 24V DC Out

24V DC Input to 24V DC Output - 16A Continuous / 20A Peak

PURE SINE WAVE SITE INVERTERS

- 12, 24, or 48 VDC Input
- 300 Watts / 2.6 Amps Output Power
- True Sine Wave Output
- 90% Efficiency
- Low Idle Current Draw
- Optional 1RU Rack Mount Kit (ICT-RMK3)



ICT300-12SNV 12V DC Input, 120V AC Output

10.5V DC - 16V DC Input to 120V AC Output - 300W Continuous / 600W Surge

ICT300-24SNV 24V DC Input, 120VAC Output

21VDC - 32V DC Input to 120VAC Output - 300W Continuous / 600W Surge

ICT300-48SNV 48V DC Input, 120V AC Output

42V DC - 64V DC Input to 120V AC Output - 300W Continuous / 600W Surge

ICT-RM1U Rack Mount

Rack Mount For Site Inverter 300 Series - 1-3 Unit Capacity

PURE SINE WAVE SITE INVERTERS

- 1500W True Sine Wave Output
- High Efficiency Operation
- High Surge Capacity
- Low Idle Current Draw
- Built-in Protection Features
- Form C Alarm Contacts
- Front and Rear AC Outlets
- Optional 2RU 19in. Rack Mount Kit (ICT-RMK4)
- Optional DC Wiring Box (ICT-DCWB)
- Optional TCP/IP Ethernet
- Optional Transfer Relay



ICT1500-12SWC 12V DC Input, 120V AC Output

10.5V DC - 16V DC Input to 120VAC Output - 1500W Continuous / 3000W Surge

ICT1500-24SWC 24V DC Input, 120VAC Output

21VDC - 32V DC Input to 120VAC Output - 1500W Continuous / 3000W Surge

ICT1500-48SW 48V DC Input, 120V AC Output

42V DC - 64V DC Input to 120VAC Output - 1500W Continuous / 3000W Surge

DC POWER CONDITIONERS

Designed to filter out differential and common mode noise. Filters both positive and negative leads of the circuit.



PCM-12ADL 12 Amp

PCM-25ADL 25 Amp

PCM-40ADL 40 Amp

12/24V DC DISTRIBUTION PANEL

- For 12 or 24 Volt applications.
- 12 Fused Output Positions - 9 are 25A ATC and 3 are 40A MAXI
- Fits all standard 19" racks
- Front Panel LCD Display
- Fuse Condition Form C Alarm Contacts
- Integrated Ethernet Port - Remotely Monitor Current, Voltage, Fuse Status
- DC Outputs Can Be Turned On & Off Remotely
- 180A Peak System Current



ICT180S-12IRC 12/24V Distribution Panel

LOW VOLTAGE DISCONNECT

- Supports 12, 24 or 48VDC nominal
- Disconnects 200amps at 12 or 24V and 100A at 48V
- Positive or negative ground
- Intelligent power control interface
- Remote voltage sense contacts
- Adjustable disconnect and reconnect voltage set points
- LCD display shows voltage, current, status
- Remote contacts for alarm notification
- Manual override setting -20 to +60°C operating temperature range
- Password protection feature



ICT200LVD 12/24/48V Low Voltage Disconnect

DUAL BUS BREAKER PROTECTED DC DISTRIBUTION PANEL

- Designed To Be Used In 12, 24 or 48 VDC Applications
- Each Bus Features 4 Output Positions And Supports Hydraulic/Magnetic Breakers With 25A Continuous Output Each
- Remotely Monitor And Manage Each 25 Amp Output Via Ethernet
- Ideal For High Current Loads Such As LTE Radios And RF Amplifiers
- Fits all standard 19" racks
- All Connections And Functions Are Located On The Front Panel
- Fuse Condition Form C Alarm Contacts
- Integrated Ethernet Port - Remotely Monitor Current, Voltage, Fuse Status
- DC Outputs Can Be Turned On & Off Remotely
- 240A Peak System Current



ICT240DB-8IRC 12/24/48V Distribution Panel

ICT-CB5 5 Amp Circuit Breaker

ICT-CB15 15 Amp Circuit Breaker

ICT-CB25 25 Amp Circuit Breaker

ICT-TMP Remote Temperature Sense Probe

INTELLIGENT POWER SHELF

- Fully Integrated Intelligent Control Module for Remote Monitoring & Control
- High Resolution OLED Display w/Intelligent Front Panel Controls
- TCP / IP Remote Ethernet Communications
- Hot Swappable 700 Watt, High Efficiency 12, 24 or 48 VDC Power Modules
- Accommodates Optional Battery Management Module and Load Distribution Module
- Advanced Battery Management Features
- Integrated 150 Amp Low Voltage Disconnect
- Single Or Dual 100 Amp Battery Disconnect Circuit Breakers
- Four Fully Managed Load Outputs
- Adjustable Alarm and Load-Shed Settings For Each Output



ICT-IPS-BMMD 12/24/48V Low Voltage Disconnect

ICT700-48PM 48VDC 700W Power Module

DUAL BUS BREAKER PROTECTED DC DISTRIBUTION PANEL

- Uses High Quality Hydraulic/Magnetic Breakers (Not Included)
- Mixed Voltages And Polarities Can Be Run Simultaneously
- Each Independent Bus Has Six Outputs Rated At 25 Amps Max
- Each Bus Has Its Own Independent Form C Alarm Contacts
- 200 Amp Peak System Current
- 100 Amp Peak Bus Current
- 6 Breaker Output Positions Per Bus
- Supports Mixed Voltages And Polarities









ICT200DB-12 12/24/48V Dual Bus Breaker Panel



ICT MODULAR POWER SERIES

1 Power Shelf Battery disconnect breakers included with BMM models. LDM load breakers and all blanking plates sold separately.





	-48VDC		+48/24/12VDC	
	Each	3@	Each	3@
 ICT-IPS-BMM-LDM			ICT-IPS-BMM-LDMP	
 ICT-IPS-BMMD-LDM	\$1306.67		ICT-IPS-BMMD-LDMP	
 ICT-IPS-BMM			ICT-IPS-BMMP	
 ICT-IPS-BMMD			ICT-IPS-BMMDP	
 ICT-IPS-LDM			ICT-IPS-LDMP	
 ICT-IPS				
 ICT-SPS				




2 Power Modules

Description	Model Number	Each	3@
Power Module, 48VDC, 700W output, hot swappable, floating output	ICT700-48PM		
Power Module, 24VDC, 700W output, hot swappable, floating output	ICT700-24PM		
Power Module, 12VDC, 700W output, hot swappable, floating output	ICT700-12PM		
Optional blanking panel for unused Power Module positions	ICT-BPM		

All prices shown in USD.
 Warranty - 3 years repair or replace at ICT discretion.
 Check with factory for configurations not shown.

3 Load Breakers and Accessories

Description	Model No.	Each	3@
 5 Amp Hydraulic/Magnetic breaker	ICT-CB5		
 15 Amp Hydraulic/Magnetic breaker	ICT-CB15		
 25 Amp Hydraulic/Magnetic breaker	ICT-CB25		
 Optional blanking plate for unused load breaker positions	ICT-BLP		

Description	Model No.	Each	3@
 Optional Remote Temperature Probe with 3 metre cable	ICT-TMP		
 Allows Smart Parallel Operation of slave power shelf to master controller	ICT-JMP		
 Allows paralleling of output bus bars	ICT-PAR		