COMM SERIES
220VAC DC Power Supplies in 12 and 24VDC Output

ICT Comm Series desktop power supplies with 220 volts AC input provide clean, efficient DC power in a small package for a variety of applications, including land mobile radio, security and surveillance, fixed wireless broadband, and industrial DC power. Designed to last, Comm Series are designed for the highest possible reliability, and are manufactured in North America to the highest standards.

Reliability

▸ ICT has been building highly reliable DC power products for over 30 years
▸ Only quality name brand components are used
▸ Efficient design reduces number of parts and connections that can fail
▸ Every power supply shipped is serial number tracked
▸ Rugged terminal block connectors allow trouble-free wiring connections

Performance

▸ High efficiency switch mode design for small size and clean output power
▸ Extra input and output filtering effectively removes interference
▸ Isolated outputs are compatible with negative or positive ground equipment
▸ Automatic current limiting protects power supply and connected loads
▸ Built-in fuse for extra protection

Dependability

▸ All ICT power products are manufactured in North America
▸ Deliveries are fast and dependable
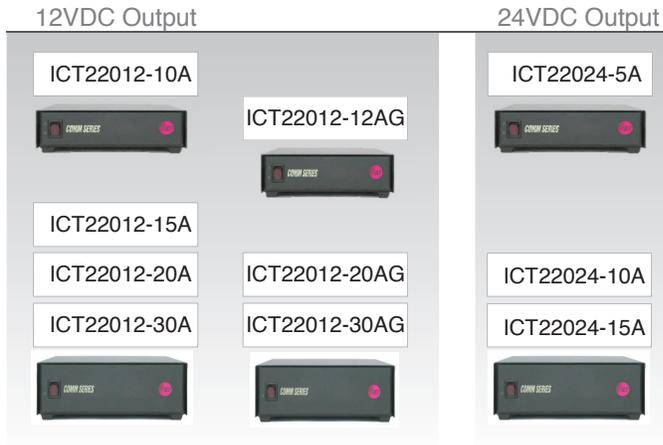▸ All ICT products are supported by our in-house engineering team

Flexibility

▸ Wide selection of power levels.
▸ 12 and 24VDC outputs
▸ Standard desktop package with 19 inch rackmount and wall mount bracket options
▸ Broad selection of matching radio covers to complete your land mobile radio base station solutions

Model Selection Guide

12VDC Output		24VDC Output

ICT22012-10A

ICT22012-12AG

ICT22024-5A

ICT22012-15A

ICT22012-20A   ICT22012-20AG

ICT22024-10A

ICT22012-30A   ICT22012-30AG

ICT22024-15A

Specifications

	Model Number	Input Voltage Range	Output Voltage	Output Current (Cont.)	Output Current (Peak)	Current Limiting	Line Regulation	Load Regulation	Output Ripple (Max)	Efficiency (Typical)	Dimensions (mm)		
											L	W	H
12VDC	ICT22012-10A	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	7.5 Amps	10.0 Amps	10.5 Amps	0.20%	0.75%	25 mV RMS	85%	190	180	43
	ICT22012-12AG	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	10.0 Amps	12.0 Amps	12.5 Amps	0.20%	0.80%	20 mV RMS	85%	190	163	43
	ICT22012-15A	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	13.0 Amps	15.0 Amps	15.5 Amps	0.20%	0.80%	20 mV RMS	85%	190	180	61
	ICT22012-20A	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	17.0 Amps	20.0 Amps	20.5 Amps	0.20%	0.85%	25 mV RMS	85%	190	180	61
	ICT22012-20AG	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	17.0 Amps	20.0 Amps	20.5 Amps	0.20%	0.85%	25 mV RMS	85%	190	163	61
	ICT22012-30A	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	25.0 Amps	30.0 Amps	31.0 Amps	0.20%	0.85%	25 mV RMS	85%	190	180	61
	ICT22012-30AG	180-250 VAC 50/60Hz	13.8 VDC +/- 150 mV	25.0 Amps	30.0 Amps	31.0 Amps	0.20%	0.85%	25 mV RMS	85%	190	163	61
24VDC	ICT22024-5A	180-250 VAC 50/60Hz	27.6 VDC +/- 150 mV	4.0 Amps	5.0 Amps	5.5 Amps	0.20%	0.75%	20 mV RMS	85%	190	180	43
	ICT22024-10A	180-250 VAC 50/60Hz	27.6 VDC +/- 150 mV	8.0 Amps	10.0 Amps	10.5 Amps	0.20%	0.75%	20 mV RMS	85%	190	180	61

Options Guide

Description		Model Number
Wallmount Bracket	Kit to turn your desktop Comm Series into a wall mount configuration	ICT-WMB
2RU - 19" Rack Mount Kit	Comes with all hardware necessary to mount one or two desktop power supplies	ICT-RMK1

ICT-RMK1 with two Comm Series power supplies installed.

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