



Analytic Systems is a leading North American manufacturer of High-Performance Power Conversion Technology Products. For over 30 years we have been an industry leader in rugged, specialized power conversion electronics. We design and manufacture a complete range of standard to custom engineered products up to 10 KW.

We are ISO 9001:2008 and AS9100 Quality Management Systems certified and our products are designed to meet CETL/UL/CSA requirements.

- Emission: FM (Class C) Unless otherwise specified.
- Input/Output Impedance: 50 ohms nominal.
- Connectors: UHF, N, or BNC - others on request.
- Insertion Loss: Less than 1 dB with T/R relay.
- Type Acceptance where applicable.
- Duty Cycle: Mobile packages - 50%.
- Duty Cycle: Repeater/Paging/Base - 100%.
- Power Requirements: +13.8 vdc nominal (- ground).
- TX/RX Relays: Std on mobile amplifiers, optional on repeater/base.
- Cooling - Mobile: Conservative heat sinks
- Cooling - Repeater/Paging/Base: Thermostat controlled fans

**BATTERY CHARGERS INVERTERS  
POWER SUPPLIES VOLTAGE CONVERTERS**



**LIST PRICE IS SHOWN, PLEASE CALL  
FOR DEALER PRICING**

PART NUMBER	INPUT VOLTAGE	OUTPUT VOLTAGE	OUTPUT AMPS
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**STEP DOWN DC/DC CONVERTERS - LIGHT DUTY**

VTC240-24-12	20-35	13.8	20/23
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**STEP DOWN DC/DC CONVERTERS - COMPACT & WIDE RANGE**

VCH10-12	20-80	13.6	10
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**ISOLATED DC CONVERTERS - HEAVY DUTY / INDUSTRIAL**

VTC120i-12-24	11-15	24.0	5
VTC120i-24-48	22-30	48.0	5
VTC120i-48-12	40-60	12.0	5

**AC BATTERY CHARGERS - HEAVY DUTY / INDUSTRIAL**

BCA610-110-12	110	12	40
BCA310-110-24	110	24	10

**RACK MOUNT AC BATTERY CHARGERS - HEAVY DUTY / INDUSTRIAL**

BCA610R-110-12	110	12	40
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**DC/DC BATTERY CHARGERS - HEAVY DUTY / INDUSTRIAL**

BCD305-12-24	10.5-28	24	13
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**110V RACK MOUNT AC/DC POWER SUPPLIES W/BATTERY BACKUP**

PWS1000-110-12RB	110	12	60
PWS1000-110-24RB	110	24	40

Model	Watts In / Out	Bandwidth	DC Volts/amps	Price
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**Low Band Power Amplifiers (30 to 60 MHz)**

C300C30B	30-300 Base	5 MHz +/-	110/220 VAC	
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**VHF Band Power Amplifiers (136 to 174 MHz)**

C130AB02	5-130 Mobile	20 MHz +/-	13.8 vdc - 25A	
C130AB02 / R	5-100 Cont.	20 MHz +/-	13.8 vdc - 25A	
C130AB10	10-130 Mobile	20 MHz +/-	13.8 vdc - 25A	
C130AB10 / R	10-100 Cont.	20 MHz +/-	13.8 vdc - 25A	
C130AB30	30-130 Mobile	20 MHz +/-	13.8 vdc - 25A	
C130AB30 / R	30-100 Cont.	20 MHz +/-	13.8 vdc - 25A	
C130AB30 / P	30-100 Cont.	20 MHz +/-	13.8 vdc - 25A	
C250AB02 / R	5-250 Cont.	10 MHz +/-	13.8 vdc - 45A	
C250AB10 / R	10-250 Cont.	10 MHz +/-	13.8 vdc - 45A	
C250AB30 / R	30-250 Cont.	10 MHz +/-	13.8 vdc - 45A	

**UHF Band Power Amplifiers (400 to 512 MHz)**

C100D02	5-100 Mobile	10 MHz +/-	13.8 vdc - 25A	
C100D02 / R	5-100 Cont.	10 MHz +/-	13.8 vdc - 25A	
C100D10	10-100 Mobile	10 MHz +/-	13.8 vdc - 25A	
C100D10 / R	10-100 Cont.	10 MHz +/-	13.8 vdc - 25A	
C100D30	30-100 Mobile	10 MHz +/-	13.8 vdc - 25A	
C100D30 / R	30-100 Cont.	10 MHz +/-	13.8 vdc - 25A	
C200D02 / R	5-200 Cont.	10 MHz +/-	13.8 vdc - 45A	
C200D10 / R	10-200 Cont.	10 MHz +/-	13.8 vdc - 45A	
C200D30 / R	30-200 Cont.	10 MHz +/-	13.8 vdc - 45A	

**ACCESSORIES**

DCPWCORD	DC Power Cord For Henry Amplifiers
RELAY TX/RX	TX/RX Relay For Henry Amplifiers

**MANY MORE PRODUCTS AVAILABLE  
CALL US FOR YOUR APPLICATION!**