

# Achieve Spectrum Dominance With Power, Performance, and Reliability

High Power Solid State Amplifiers from CPC meet and exceed the demanding requirements needed to perform in military systems. Deployed in Radar, EW, and Communication Systems, CPC Amps are used across all domains including Fixed and Mobile Ground, Airborne, and Naval systems.

Operating at frequencies from 10 kHz to 32 GHz and output powers from 2 W to >100 kW, our amps can support all modulations and are designed to meet the complete range of environmental and EMI/EMC requirements imposed for operational situations. With both Rack Mount and Module form factors, CPC Amps easily integrate at the system level.

## Typical Amplifier Configurations

Model Number	Freq (MHz)	Power Out (W)	CW/Pulse	Form Factor	Application
AR-1.5-30-5E2	1.5-30	500	CW	Rack	Airborne Comms Jammer
AR-20-100-1E3	20-100	1000	CW	Rack	Airborne Comms Jammer
AR-90-525-1E3	90-525	1000	CW	Rack	Airborne Comms Jammer
AM-100-500-1E3	100-500	1000	CW	Rack	Electronic Warfare
AR-175-220-1.6E5	174-220	160 kW	Pulse	Rack	Threat Emitter
AR-150-1000-8E3	150-1000	8000	Pulse	Rack	Electronic Warfare
AR-400-1000-5E2	400-1000	500	CW	Rack	Airborne Comms Jammer
AR-2700-3500-8E2	2700-3500	800	Pulse	Rack	Radar Test Equipment
AM-0.5-1.5-2.4E3	0.5-1.5	2400	CW	Module	Electronic Warfare
AM-1.5-30-2.4E3	1.5-30	2400	CW	Module	Electronic Warfare
AM-30-512-2E1	30-512	20	CW	Module	Tactical Comms
AM-1250-2600-2E1	1250-2600	20	CW	Module	Tactical Comms
SSPA-0.20-2.70-1E1	200-2700	10	CW	Module	Test Set
SSPA-0.40-6.00-5E0	400-6000	5	CW	Module	Comms
SSPA-1.0-2.5-2E1	1000-2500	20	CW	Module	ISR
SSPA-1030-1093-1E3	1030-1090	1000	Pulse	Module	IFF
SSPA-2.5-6.0-5E1	2500-6000	50	CW	Module	Electronic Warfare
SSPA-4.2-4.4-2E0	4200-4400	2	Pulse, CW	Module	Radar Altimeter
SSPA-5.2-5.9-1E3	5200-5900	1000	Pulse	Module	Electronic Warfare
SSPA-8.0-12.0-1E2	8000-12000	100	CW	Module	Electronic Warfare
SSPA-9.0-10.0-1E3	9000-10000	1000	Pulse	Module/Rack	X-Band Radar



- 10 kHz – 32 GHz
- 10 W to >100 kW
- AM, FM, CW, Pulse, High Gain
- & Advanced Digital Modulations
- Smart Interfaces
- Precision Thermal Management
- Rack Mount/Modules
- Superior Signal Stability & Linearity

Call or email CPC our your local Sales Representative  
with your system requirements.

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