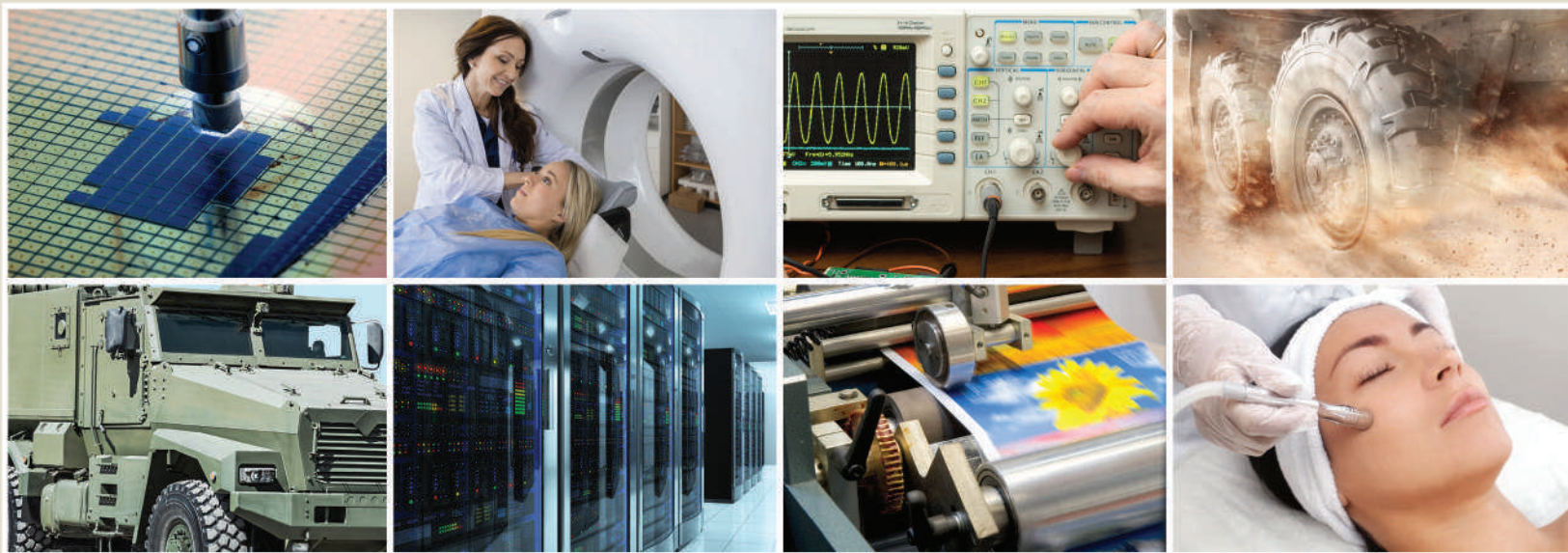




Horizon Electronics Ltd
Power Systems

All your
Power Conversion Needs
In ISRAEL



Strong Development & Engineering Support !



PRODUCTS	TYPE				Max. Efficiency	Max. Output (Watts)	Max Outputs
	AC-DC	DC-DC	DC-AC	AC-AC			
Front-End-Products							
Platinum Efficiency	+	+			95%	2,900	1
Hot Swap/Rectifier/12v-48v	+	+			94%	3,000	1
12/24/48V to 120/230 Vac inverter (< 9KVA)			+			7,200	1
AC-DC Products							
Modular power supplies	+				93%	1,800	12
Single output 24/36/48v	+				92%	1,000	1
Open Frame - 85-264VAC, 5w-600w	+				92%	600	3
Programmable & simulation systems (single unit)	+				92%	32,000	1
Capacitor chargers	+				85%	3,500	1
High voltage 1,000 - 100,000 VDC	+						
DC-DC converters							
High Voltage 60 - 62 kV		+					3
Isolated - 1-160VDC, Module, board & Brick		+			92%	700	2
Non-Isolated		+			97%	218	1
AC source Products							
Programmable Bidirectional Regenerative				+	kVA	50,000	1
Ruggedized Products							
AC - DC, Fanless, IP65/67	+				92%	2,000	1
Convection cooling	+	+			90%	5,000	1
DC - DC		+			96%	720	1
Accessories							
Din-rail - 26w-2,400w, 1/3 phase	+	+			82%	2,400	1
Power cables	+	+					
Laboratory Power Supply / Automatic Test Equipment							
AC-DC / AC-AC / Electronic Loads, Inputs: 1/3 Phase,							

SEGMENTS					
Industrial	Medical	Harsh Environment	Semi Conductor	Data Center	Other
				+	+
+				+	+
+				+	+
+	IEC 60601-1-2 4th	810G	F47		+
+					+
+					+
+	+				+
+		+	+		+
+	+	+			+
+	+	+		+	+
+	+	+	+	+	+
+					+
		+			+
		+			+
		+			+
+					+
+	+	+	+	+	+

About Our Partners



- Precision Power for critical applications
- High voltage solutions for wide range of application
 - Market segments: Semiconductors Implantation & Inspection, X-ray, Mass spectrometry, Scientific, Industrial, Medical and other

www.advancedenergy.com



- Testing and measurement power products
- Power supplies and DC electronic loads, signal generators, component testers, oscilloscopes, spectrum analyzers, and multimeters
 - Full complement of device programmers, video and cable testers, electrical and battery testers, and environmental testers

www.bkprecision.com



- AC and DC power at levels from 1w to more than 500kW
 - EMI filters
 - Market Segments: Semiconductor, Industrial, Medical, Industrial, Aerospace & Defense and other

www.astrodynetdi.com



- DC-DC converters, AC-DC power supplies and LED power supplies
- Single & multiple output DC-DC converters from 1w to 700w
- Single & multiple output AC adapters from 5w to 150w
- Open frame AC-DC power supplies from 5w to 1,600w

www.cincon.com



- Products for AC-DC OEM embedded power for datacom, telecom, medical and industrial applications.
- Products for DC-DC OEM conversion for board mounted power applications, computing, storage, industrial, medical and military markets.
- Full custom capabilities in both AC-DC and DC-DC product line.

www.belfuse.com



CUSTOM MANUFACTURING & ENGINEERING™

- USA Company
- Fanless, AC-DC from 60w up to 10kW, DC-DC from 30w up to 600w, AC and DC filters
 - Market segment: Harsh Environment

www.custom-mfg-eng.com

Strong Development & Engineering Team !



- High power density, High efficiency AC-DC power supplies from 200w up to 1,800w
- Single and Multiple outputs up to 12 outputs, Open and close frames
- Forced air and fanless solutions
- Market Segments: Industrial, Medical, Cosmetics, Semiconductors and harsh environment

www.excelsys.com



- Specialized in electrical & electronic testing and measuring instrument
- Programmable DC Power Supplies and Electronic Loads
- Test System and Solution for variety of industrial sectors

www.odacore.com



- Programmable DC Power Supplies, 10, 16, 20, 32kW
- Programmable Bidirectional Regenerative DC Power Supplies 20, 32kW
- Programmable Bidirectional Regenerative AC Power Source, 30 & 50kVA
- Rack-integrated System Solutions – Customized, unidirectional, bidirectional, bipolar

www.regatron.com



- Fanless Harsh Environment Power supplies
- AC-DC from 60w up to 10kW
- DC-DC from 30w up to 600w
 - AC and DC filters
 - Market segment: Harsh Environment

www.goncharov-jet.com



- Capacitor charging power supplies and simmer modules
- Electro-optics - Pockels cell drivers, from simple Q-switching to advanced pulse picking and regenerative amplifier control
- Power supplies for lasers and electro-optical devices, Standard and customized

www.oem-tech.by



- Redundant power supplies, 98% Efficiency, 57.1 W/in³ Density, Fully digital, NEBS Level 3 (Surge 6kV) Protection, PMBUS & CanBus Interface
- AC-DC, Slim and Narrow Power Supply types, 100w up to 2,000w
 - Battery Backup Module
- Market Segment: Data Center

www.sysgration.com



- Bench Top Power Supplies from fixed voltage to variable output
- Laboratory & Remote control programmable power supplies
 - DC-DC Converters from 5 to 40 Amp output
- AC-DC and DC-DC Chargers for lead acid & LiFeSo₄ battery for automotive, marine & standby applications

ww1.manson.com.hk



- AC-DC converters with a variety of options
- DC-DC converters, modular solutions for industrial controls, isolated power and point-of-load applications, covering a power range from 0.25w up to 240w
 - Market segments: Medical, Industrial, harsh environment and other

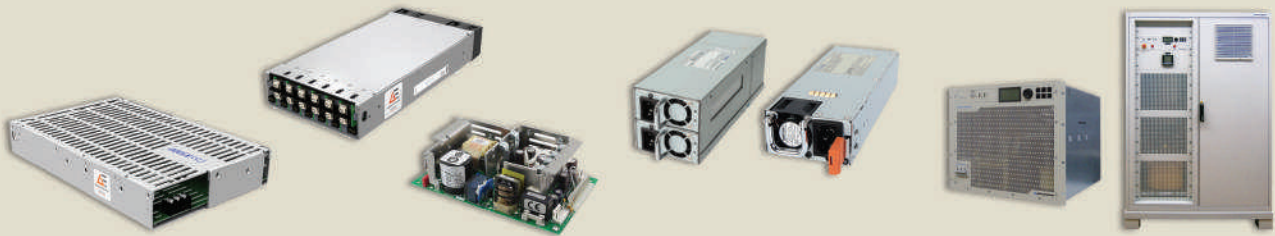
www.recom-power.com



- DC to High-Voltage DC Conversion: 62 to 60kV, Power Levels: Fractional to 250w
- Standard and Custom solutions (No NRE), Analog Control / Monitoring of I and V
 - Inputs: 3.3, 5, 12 or 24 VDC, Micro-size, Compact & Full-size footprints

www.advancedenergy.com

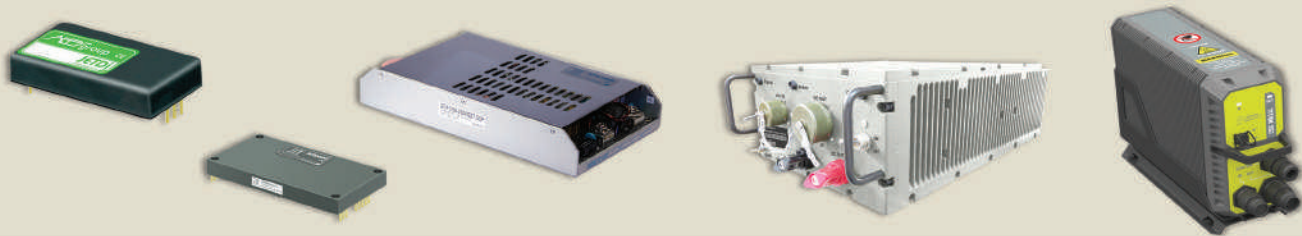
AC-DC
Products



DC-DC
converters



Ruggedized
Products



High Voltage



Laboratory
Electronic
Loads



Filters and
Amplifiers



Custom /
Modification



About Horizon

For almost 50 years Horizon Electronics has been a leading designer, manufacturer and distributor of power conversion products and systems.

Horizon maintains a leading customer base in diverse vertical segments such as: Medical, Cosmetics, Defense, Harsh Environment, Printing, Semiconductors and data centers.

Horizon offers both standard and custom solutions. The company provides its customer with high quality, innovative products and cost effective solutions.

Horizon offers: All power needs, Engineering support, Training, Help Desk, Spare parts, Repair, Technical support, Warranty management and other.

Our DNA

Experience

- ⌚ Almost 50 years of power conversion experience
- ⌚ Over 500,000 power supply units delivered
- ⌚ Innovative partners - global leaders power supply manufacturers

Performance

- ⌚ State of the art technologies, industry leading performance
- ⌚ Innovation driven
- ⌚ Platform optimized with experience and know-how

Value

- ⌚ Complete cost effective power supply systems and products
- ⌚ Flexibility and fast customization to customer's specific requirements
- ⌚ Strong technical support

Horizon Electronics

3 Basel St. ,P.O.B 3872 Kiryat Arie,
Petah Tikva 4951037, ISRAEL
Tel: +972-3-923-0091
Fax: +972-3-924-7379
sales@horizon.co.il



Horizon Electronics Ltd
Power Systems

www.horizon.co.il