



Horizon Electronics Ltd  
Power Systems

# Solutions Portfolio

## Harsh Environment Power Conversion



Your power solution for **EXTREME** conditions



# Get the versatility you need to power your harsh environment applications

Powerful Performance. Effortless Flexibility. Simple Integration.

## Standard / Off-the-Shelf

- Meet most of an application's needs
- Available

## Light Modification

- Add specific features / Hardware
- Short time to market

## Full Customization

- System constraints (size, form..)
- Value Add
- Longer time to market

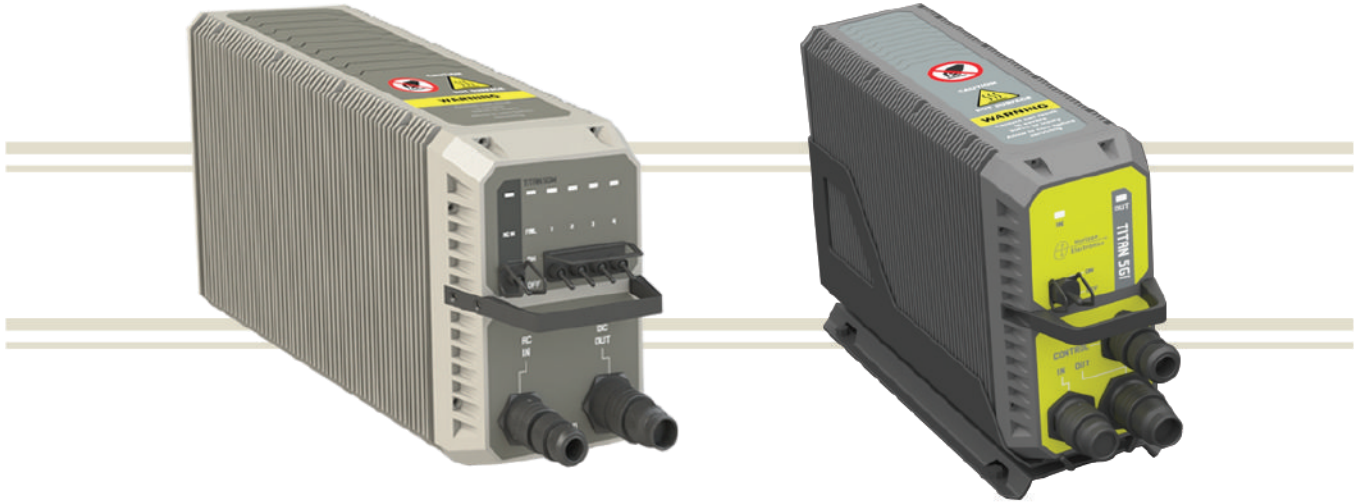


# Standard Products

	Topics	T3G	T4G	T5G
1	Type	Analog	Analog	Digital
2	Type	PS & BC	PS	PS & BC (Voltage / current dynamic control)
3	Input (VAC)	115 / 230	85 - 264	85 - 264
4	Input (Hz)	50, 60	50, 60, 400	47 - 440
5	Output (kW)	1.2, 1.5, 1.8	1.6	1.0, 2.0, 3.0
6	Output (VDC)	28	28	23-32 / 42-56
7	Cooling Method	Convection	Convection	Convection
8	Operating temp	< 60	< 65	< 80
9	Ingress Protection (IP)	IP 65 , 67	IP 65	IP 67

## Small Modifications For Our Standard Products

- Our standard “Titan” product range can be tailored to meet your specific projects requirements.
- Adding special tailored features, hardware and other.
- Short time to market.

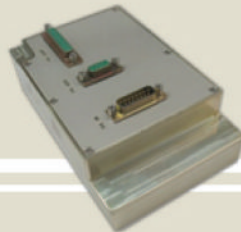


## Full Customization

- Design to meet customer’s requirements (Form, Fit, Function, Cost)
- Field-proven Building blocks approach
- Customer’s competitive advantages:
  - Limited risk
  - Space & cost savings
  - Short time to market



IP68



Base Plate Cooling



Multi Inputs



Intelligent Power Distribution Unit



Calmark Cooling Defined Surface Conduction



Drop Unit Customer Embedded

**Custom is our standard !**

## About Horizon

Since 1970, Horizon Electronics has been a leading designer and manufacturer of power conversion products and systems, specialized in Harsh Environment for Industrial and defense applications.

Horizon offers both standard and custom solutions, ranging from light customization up to fully customized products. The company brings to its customers high quality, innovative products and cost effective solutions.

## Our DNA

### Experience

- ⊕ 50 years of developing and manufacturing of power conversion products.
- ⊕ Over 500 thousand power supply units delivered.
- ⊕ Leading customer base.

### Performance

- ⊕ State of the art technology and industry leading performance innovation driven.
- ⊕ C.O.T.S. products meeting most of the land and naval power requirements.
- ⊕ Platforms optimized with experience and know-how gained over multiple products generations.

### Value

- ⊕ Exceptional Quality, Delivery, Cost and Innovation.
- ⊕ Designed to achieve world class excellence in customer satisfaction.
- ⊕ Strong technical support along product life cycle and through design stages.

## Horizon Electronics

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