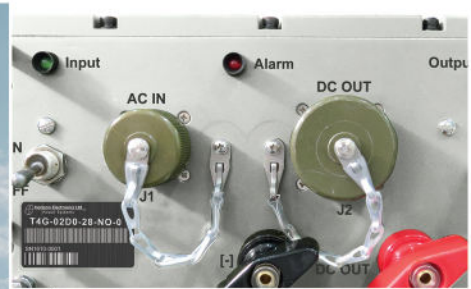




Horizon Electronics Ltd  
Power Systems

# Titan 4G Series

## DC Harsh Environment Power Supply



Challenge us with your environment!



# Powerful Performance, One Size Fits All, Simple Integration for harsh environment

The Titan 4G Power System series, with its ruggedized constructions, is best suited for use in harsh environments.

Its water resistant (IP 66) housing, high performance, and superb reliability, make the Titan 4G the ideal DC power source for use in outdoor, vehicular, naval and field applications.

## Features

- Single output: 28V, 36V or 48V
- Adjustable output voltage:

Output Voltage Model	Set Point Adjust Range (V)
28	19-28
36	26-40
48	36-58

- Ultra-high efficiency
- Small Shape
- Optional Communications
- OR-ing Function

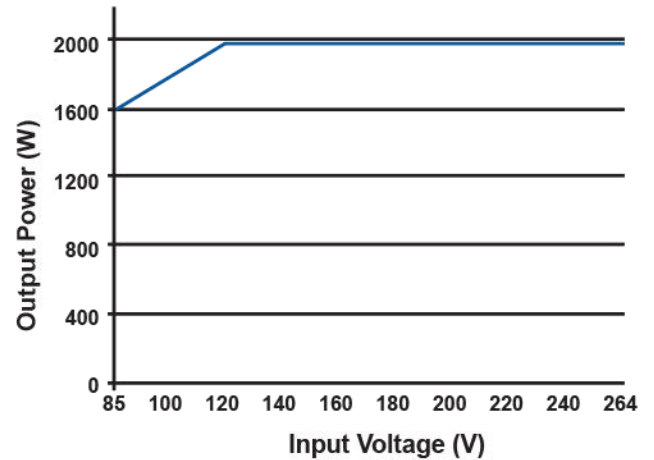
### • 3 Year Warranty

- IP 66
- MIL-STD 810E, MIL-STD 461E
- IEC / EN STD
- Applying For UL
- Universal Input Voltage 120-230VAC / 47-440Hz  
120-380VDC

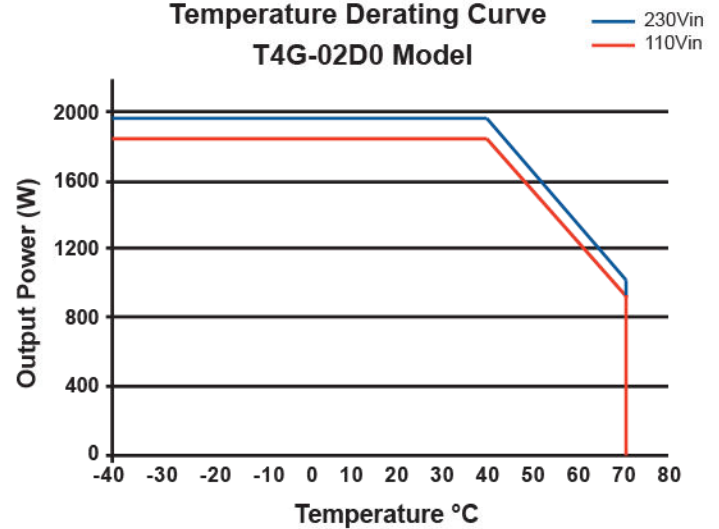
## T4G - 02D0 - 28 - NO - 0

T4G	Output Power	Output Voltage	Communication	Color
Titan	Continuous/ Peak (Kw)	28 - 28V 36 - 36V 48 - 48V	NO - No Communication CO - Communication	
4 <sup>th</sup> Generation Series	01D0.....1.0/1.2 02D0.....2.0/2.2			

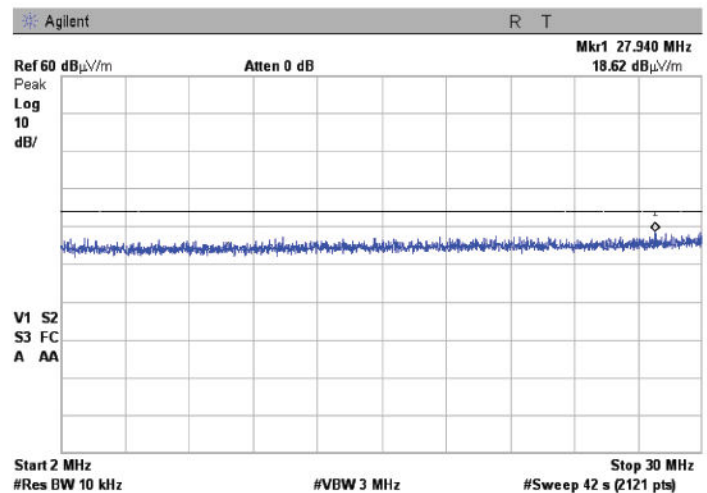
Line Derating Curve  
T4G-02D0 Model



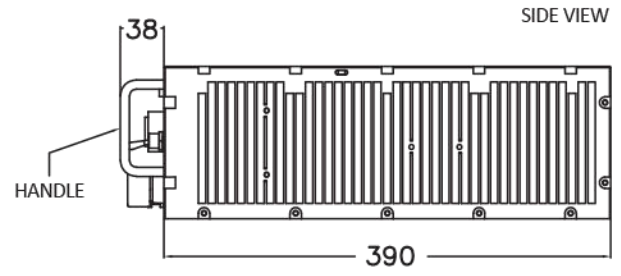
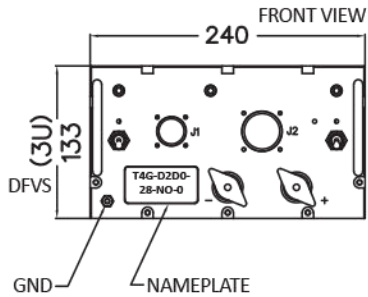
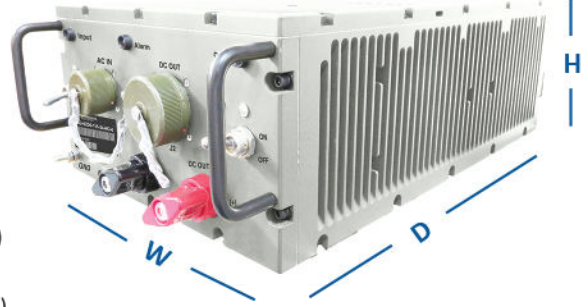
Temperature Derating Curve  
T4G-02D0 Model



Radiated emission measurements  
results, in 2-30 MHz range



# T4G-02D0-28-NO-0

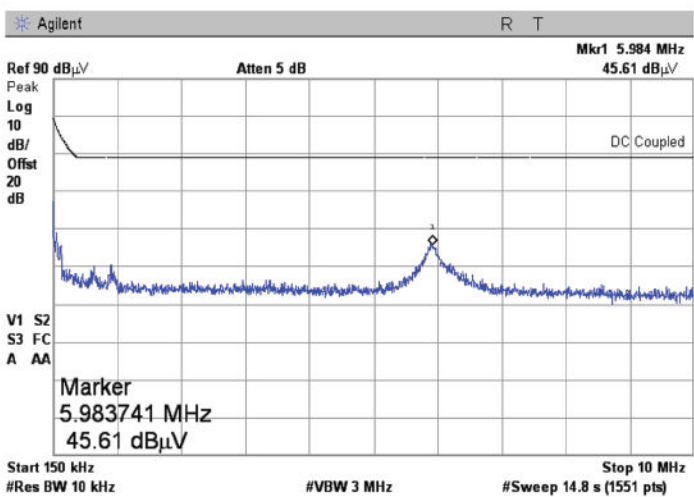


All dimensions in mm

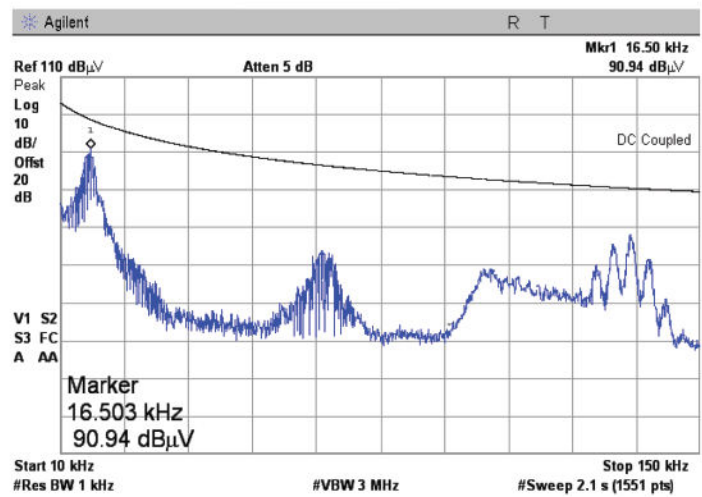
## Market Availability:

Products:	1KW	2KW	Capabilities Features:	
28	5/2017	01/2016	MIL-STD	11/2016
36	12/2017	10/2017	Communication	6/2017
48	8/2017	6/2017	UL	8/2017

CE102 test results in 0.15-10 MHz range



CE102 test results in 10-150 kHz range



Your power supply solution for **EXTREME** conditions



## About Horizon

Since 1970, Horizon Electronics has been a leading designer and manufacturer of power supply systems, converters and inverters, specialized in harsh environmental, industrial, civil and defense.

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

- ⌚ 45 years of developing and manufacturing of power systems
- ⌚ Hundreds of thousands power supply units delivered
- ⌚ Hundreds of man-years of Power supply expertise and knowledge
- ⌚ Leading customer base in diverse vertical markets

### Performance

- ⌚ State of the art Technologies, industry-leading performance, Innovation driven
- ⌚ Platforms optimized with experience and know-how gained over multiple platform generations

### Value

- ⌚ Complete cost-effective power systems and components
- ⌚ Flexibility and fast customization to customer's specific requirements
- ⌚ Strong Technical support

## Horizon Electronics

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