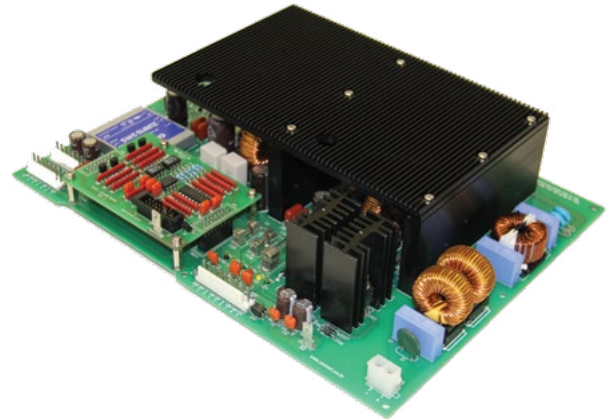


## It's Here to Stay: The Improved Mark V TCPS (Power Supply to Reduce OEM's High Failure Rate)

Increased load and aging components contribute to the deterioration, and eventual failure, of the TCPS. In our experience, the TCPS supplied by GE ("Old TCPS") has the highest failure rate of all Mark V cards. **GTC is introducing GTC-TCPS-1 ("New TCPS")**, designed with state-of-the-art features and high-quality, industrial-grade components.

No annoying "end-of-life" letter included.  
**It's here to stay.**



### Advantages of the New TCPS:



#### Plug & Play

Identical Size & Fit – No Additional Hardware or Adjustment Required!



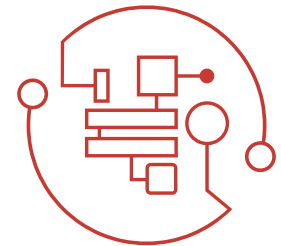
#### Cost-Effective

Lower Cost & Higher Value than Old TCPS



#### Long-Lasting Performance

Reliable Performance with Increased Life Expectancy



#### State-of-the-Art Features

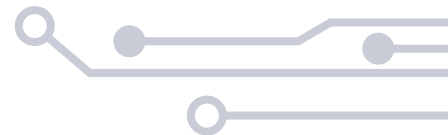
High-Quality Industrial-Grade Components

### State-of-the-Art Features Include:

- **Improved Cooling:** New Enhanced Heat-Sink Design
- **Improved Performance:** Rated at 196 W to Endure Larger Load Fluctuations
- **Less Ripple:** Prevents Potentially Harmful Current Patterns
- **Enhanced Input Filters:** Mitigate Interference from Electrical Source

Feature		Units	New TCPS (GTC)	Old TCPS (GE)	Remarks
Input	Input Voltage	Vdc	125 (90/150)	125 (105/140)	Improved
	Inrush current	A	51.6	None	Improved
	Efficiency	%	78	64	Improved
Output	Voltage Regulation Tolerance	%	±1	±5	Improved
	Voltage Control	-	One for each output voltage	One for all outputs	Mitigates risk of voltage hunting and malfunction
	Ratings	[W] V/A	[196] +5/8, +15/2, +24/3, -24/1	[70] +5/3, ±15/0.6, +24/1, -24/0.5	Improved
	Cooling (Heat Sink)	-	Improved	Standard	Improved
	Ripple and Noise	V/mV	+5/20, ±15/30, 24/40	+5/60-100, ±100-150, -24/300	>70% of noise eliminated
Other	Switching Frequency	kHz	70	17	Audible noise reduced almost to threshold levels
	Dimensions (L x W x H)	Mm [in]	(279.4 × 213.4 × 65.0) [(11.00 × 8.40 × 2.56)]		Same
	Output Voltage Monitoring	VDC	+5, +15, -15   +24, -24		Same

**For further information, please contact your regional GTC sales representative.**



**Spare Parts / Training / Asset Recovery / Field Service / Testing & Repairs**

**LATIN AMERICA**

Buenos Aires, Argentina  
**Tel:** (+1) 914 693 0830 or  
 (+54) 11 6091 3507  
 sales.latam@gasturbinecontrols.com

**FAR EAST ASIA & AUSTRALIA**

Level 28-03-03A PJ Exchange  
 No. 16A, Persiaran Barat  
 46050 Petaling Jaya  
 Selangor, Malaysia  
**Tel:** (+6) 03-7962 0117  
 sales.asia@gasturbinecontrols.com

**SOUTH ASIA**

#541, 1st Floor, MCECHS Layout  
 9TH CROSS, 80 Feet Road  
 Jakkur, Bangalore  
 India – 560077  
**Tel:** +91 (0) 80-29731666  
**Fax:** +91 (0) 80-29731631  
 sales.asia@gasturbinecontrols.com

**EUROPE & AFRICA**

August Bournonvilles Passage 1  
 1055 København K  
 Denmark  
**Tel:** (+1) 914 693 0830 Ext 301  
**Fax:** (+45) 33 32 43 70  
 sales.europe@gasturbinecontrols.com

**MIDDLE EAST**

1A-01 LIU4  
 Dubai Silicon Oasis  
 United Arab Emirates  
**Tel:** (+971 (0) 4 320 3457  
 info@iccfzco.com

**www.GasTurbineControls.com**

For service in Spanish please contact +54 11 6091 3507 or  
 email sales.latam@gasturbinecontrols.com