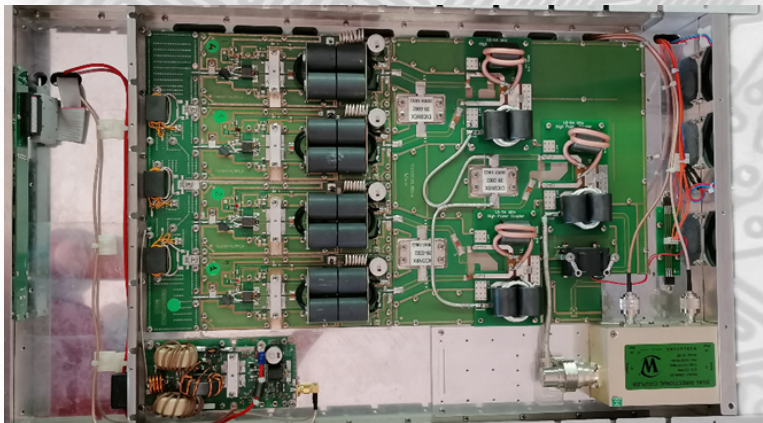


ISM



TDE2K0-HF-G

Characteristics

TDE2K0-HF-G is a high-power RF generator specifically designed for ISM applications in the frequency band 1.5 - 30 MHz.

TDE2K0-HF-G is based on brand-new solid-state devices which ensure the highest power level on the market.

The amplifier works in AB class. The generator is liquid cooled.

MAIN FEATURES

- High Efficiency
- Extreme Ruggedness
- LCD Display
- Self-protected against:
 - i. Abnormal temperature
 - ii. Abnormal reflected power
 - iii. Abnormal currents
- Telemetry includes:
 - i. Forward and Reflected RF power
 - ii. DC Voltage
 - iii. Temperature
 - iv. Alarm Status

Performance Summary

Parameter	Min.	Typ.	Max.	Units	Note
Power Out	2000			W	
Frequency Range	1.5		30	MHz	
AC Voltage Supply	360	400	440	V _{ac}	(*)
Current Absorption @ 2000W @ 400V _{ac}			14	A	



tde@tdeitaly.com



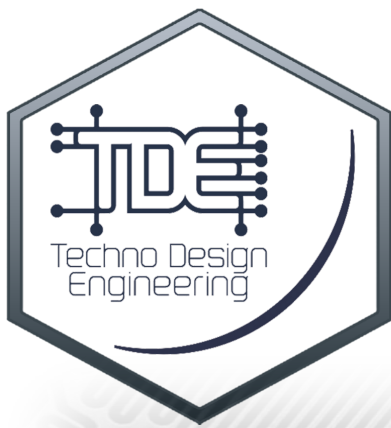
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Notes

(*) AC Supply must be 3P+N+GND

AC and RF Connectors

- **RF Out:** DIN 7/16 female
- **AC In:** Pluggable Terminal Blocks
5 positions 7.62 mm

General Specifications

- **Dimensions (LxWxH):** 745x483x178 mm
- **Weight:** 20 Kg
- **Ambient Temperature:** 0 ~ +45 °C
- **Storage Temperature:** -20 ~ +85 °C
- **Relative Humidity:** up to 95% (not condensing)
- **Operating Altitude:** up to 2000 meters above sea level
- **Cooling:** Forced air with integral blowers (air intake from front, air exhaust at rear)

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