



RF Generator T847C-1, T847C

◆ GENERAL

T847C-x series are a solid state RF power generators on 13.56MHz frequency band. Matching boxes either the manually or automatically controllable matching boxes are built-in enabling for various loading impedance matching.

These units are suitable for RF sputtering, plasma discharge and so on.

The maximum RF output power is 100W. Output power values are varied and controlled to input voltage, from 0V to 5V, by either internal or external of these generators. Its values obtained are depending on input voltage value.

For input power voltage, AC100V and AC90V - AC264V types are available.

Also, external remote operation-control is available.

T847C equips with automatically controllable matching boxes standard. Excellent VSWR values are gained continuously all the time, even the loading impedance are varied due to long-time operation.



T847C-1



T847C

◆ SPECIFICATIONS

MODEL	T847C-1	T847C
Frequency	13.56MHz ± 1kHz	
Output Power	0 ~ 100W	
Power Stability	± 1 %	
Output Impedance	1 ~ 60 Ω jx: +40 ~ -200 Ω	
Tuning Accuracy	VSWR Less than 1.2	
Power Requirements	100VAC Single Phase 50 ~ 60Hz 300VA Max. or 90 ~ 264VA	
Harmonic Distortion	Less than -45dB	
Operating Temperature	-20 ~ +50 °C -20 ~ +30 °C / Continuous Operation	
Cooling System	Forced Air Cooling	
Dimension (H x W x D mm)	130 x 280 x 303	
Weight	6 kg	6.5 kg
Remarks	Manual Tuner	Auto Tuner