

13.56MHz High-Frequency Power Source

These 13.56MHz High-Frequency Power Sources are employed all solid-state circuit design and equipped crystal controlled oscillator with high reliability.



Model	HFS-013-003C	HFS-013-005C	HFS-013-010C	HFS-013-020C	HFS-013-030C	HFS-013-050C
Frequency	13.56MHz \pm 0.05%					
Output Power	300W	500W	1kW	2kW	3kW	5kW
Output Impedance	50 Ω					
Connector/Cable	BNC	N/8D-2V		HN/RG-14A/U		LC/RG-18U
Output Power Regulation	within \pm 1% at 10% fluctuation in power supply voltage					
Allowed Reflected Power	50W	100W	200W	400W	500W	700W
Harmonic Distortion	-40dB max. /Basic Frequency					
Output Ripple	1% max.					
Power Supply 50/60Hz	AC100V 1 ϕ 600VA	AC200V 1 ϕ 900VA	AC200V 3 ϕ 1.7kVA	AC200V 3 ϕ 3.4kVA	AC200V 3 ϕ 5.0kVA	AC200V 3 ϕ 8kVA
Cooling	Forced Air			Farced Air / Water		
Cooling Water Flow Rate	-	-	-	4L/min.	4L/min.	6L/min.
Conditions of Cooling water	-	-	-	10 \sim 30 $^{\circ}$ C 0.5MPa max. 3 \sim 5k Ω -cm		
Ambient Temperature and Humidity	10 \sim 30 $^{\circ}$ C 30 \sim 80% (no condensation)					
Protection	Circuit Protector, Overvoltage & Over current Limit, Reflected Power Limit, Temperature Detection					
Dimensions Wmm x Dmm x Hmm	240x400x99	240x450x99	240x400x177	240x550x199	240x550x199	480x550x199
Weight	5kg	6kg	12kg	25kg	25kg	50kg
Note	Complied with the RoHS (*1)					

*1: Vacuum Variable Capacitors are not complied with the RoHS.



NIHON KOSHUHA CO., LTD.

URL: <http://www.nikoha.co.jp>

Email: sales@nikoha.co.jp