S7200A
Solid-State Spark Generator

The S7200A solid-state spark generator (igniter) is a high performance ignition transformer used to ignite gun-type oil burners and power gas burners in domestic, commercial and industrial applications. The S7200A has high ignition energy, enabling it to ignite burners which conventionally could be lit only with coil-type ignition transformers.

Specifications

Ambient temperature	-20 to +60°C
Ambient humidity	90%RH max. at 40°C
Electrode gap	Oil type: 5mm max.
	Gas type: 3.5mm max.

Selection Guide

(See table below)

Applicable burner	Gun type oil burner		Power gas burner	
Model No.	S7200A100-OHR	S7200A200-OHR	S7200A100-GHR	S7200A200-GHR
Power (50/60Hz)	100Vac 50/60Hz	200Vac 50/60Hz	100Vac 50/60Hz	200Vac 50/60Hz
Secondary output voltage	Approx. 20kV	Approx. 20kV	Approx. 16kV	Approx. 16kV
	(At rated voltage, and room temperature and humidity)			
No. of electrode	2	2	1	1
Max. air velocity between electrodes	Approx. 20m/s	Approx. 20m/s	Approx. 20m/s	Approx. 20m/s
Time rating	60min·50%	60min·50%	6min·20%	6min·20%
	% indicates allowable use rate of continuous ignition time. (Ex) 120min·50%: 60min			
Performance	Half-wave	Half-wave	Half-wave	Half-wave
High voltage terminal	Plug terminal (Rajah)	Plug terminal (Rajah)	Plug terminal (Rajah)	Plug terminal (Rajah)
Grounding system	Neutral grounding	Neutral grounding	Neutral grounding	Neutral grounding
Power consumption	70VA	75VA	55VA	65VA
Mass	Approx. 650g	Approx. 650g	Approx. 650g	Approx. 650g

Accessories (sold separately)

Model No.	Cable length	Description
YS7200A300-S2	30cm	High voltage cable (10 units)
YS7200A500-S2	50cm	
YS7200A1000-S2	1m	
YS7200A2000-S2	2m	

Dimensions

(Unit: mm)

Note: This terminal is not available for S7200A□□□ – G□□ models.