



## SFPW 系列永磁式弧焊发电机

### SERIES OF PERMANENT-MAGNET DC ARC-WELDING GENERATOR

**SFPW** 系列永磁式弧焊发电机，具有体积小，重量轻，容量大，效益高，使用方便，质量可靠之特点。采用柴、汽油机或电动机做动力，组成移动或固定式电焊、发电两用设备。适用于油田、矿产开发、道路工程、桥梁建筑工程、管道工程、城镇、农村、林区、牧区、渔港、工业、作坊、边防哨所、小型船舶、家庭及公共场所的照明或电钻、电锤等交直流两用电器的电源。

本机电焊部分采用负极对地两极输出结构，电焊发电机可分别使用或同时使用，其总负载以达本说明书所规定容量。其特点是采用永磁方式，从而废除了传统的励磁机构。电焊时，焊接电流调整范围广，引弧容易，燃烧稳定，质量良好，焊接性能已达到国家AX系列弧焊机的技术标准。

**SFPW Series of Permanent-Magnet DC Arc-Welding Generator** with characteristics of small in size, light in weight, convenient in operation, high in efficiency and reliable in quality, etc. It adopts diesel or gasoline engine or electric motor as its dynamic force. Make up movable or stationary welding and generating doubleduty equipment. It has been widely used power supply for lighting and such AC-DC electrical appliances as electric drill and electric hammer in oil field, mineral exploitation, highway and bridge engineering, pipework, cities and towns, rural area, forest region, fishing port, industries, workshops, frontier sentry, small ship, household, and public places, etc.

The welding section of this equipment adopts the structure of negative terminal link to ground and two terminals output. The welding and generation can be employed separately or simultaneously. The total load can reach the specified capacity in the instruction manual. Furthermore, since it adopts the

permanent-magnet structure, the traditional excitation unit has been abolished. During welding, it has such characteristics as wide adjusting range of welding current, easy generating of arc, stable flameholding, and even quality, etc. The welding performance has met the national technical standard for AX series arc welding machine.



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**JANAN 亚南**



## 技术参数 TECHNICAL DATA

数据名称 Name and data		单位 Unit	SFPW-160	SFPW-180	SFPW-200	SFPW-250	SFPW-300
电焊部分 Welding Part	直流空载电压 DC no load Voltage	V	70	70	70	70	70
	额定电流 Rated Current	A	160	180	200	220	260
	电流调节范围 Adjustable Current Range	A	80-180	85-200	95-220	95-250	95-300
	直流电焊电压 DC Welding Voltage	V	22-32	22-32	25-32	25-32	25-35
	额定负载持续率 Rated Duty Cycle	%	60	60	60	60	70
	温升 Temperature Rise	℃	60	60	60	60	60
发电部分 Generation Part	额定电压 Rated Voltage	V	220	220	220	220	220
	额定功率 Rated Power	W	1500	1600	1800	1800	2200
	频率 Frequency	Hz	300	300	300	300	300
	工作周期 Work Cycle	Hours	连续Continuous	连续Continuous	连续Continuous	连续Continuous	连续Continuous
	额定转数 Rated Revolution	RPM	3000	3000	3000	3000	3000
共性数据 General Data	组合动力匹配内燃机 Combined Power-Matching Internal Combustion Engine	PS	>10	>12	≥14	≥14	≥18
	组合动力匹配电动机 Combined Power-Matching Electromotor	KW	≥6.5	>7.5	≥9.5	≥9.5	≥10
	三角带轮 Wheel for V-bell	直径 Ø 95mm	槽型Slot-typeB	槽型Slot-typeB	槽型B type slot	槽型B type slot	槽型B type slot
	绝缘等级 Class, of Insulation	级	B	B	B	B	B
	体积 Size	mm	310X214X365	310X214X365	310X214X365	310X214X365	320X240X380
重量 Weight	Kg	27	29	30	31	35	