

SPT500MGS/SPT800MGS

移动发电机组

MOBILE DIESEL GENERATOR SETS



产品特点 Product Advantage

- ◆ 防雨、防尘、通风散热性好，可应对严峻施工环境，可适应零下40°-50°的工作温度；
Great rainproof, dustproof, ventilation and heat dissipation performance, able to cope with harsh working conditions and extreme temperatures of -40 °C -50 °C;
- ◆ 钢板弹簧悬架结构；配备机械驻车制动（手刹）和牵引车接驳气刹制动；
Leaf spring suspension; Equipped with handbrake and tractor connected air brake;
- ◆ 拖车采用高度可调节插销式牵引架，适用于各种高度牵引车，转弯角度大，机动性高；
Trailer designed with a height adjustable pin type traction frame, suitable for towing vehicles of various heights, with large turning angles and high maneuverability;
- ◆ 车架四角设有机械式支撑装置，拖车三面有操作维护平台，尾部有踏板；
Mechanical support devices at the four corners of the frame, operation and maintenance platforms on three sides of the trailer, and pedals at the rear;
- ◆ 配置转向和刹车指示灯及与牵引车接驳的标准插头；
Equipped with turn and brake indicators and standard plugs for connecting to towing vehicles;
- ◆ 可在拖车顶部直接起吊。
Direct lifting from the top of the trailer.

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项目 Item	名称 Description	参数 Parameter	
机组参数 Parameters of diesel generator set	型号 Model	SPT500MGS	SPT800MGS
	机组额定功率 Rated power	625/500 kVA/kW	912.5/730 kVA/kW
	机组备用功率 Standby power	688/550 kVA/kW	1000/800 kVA/kW
	额定输出电流 Rated output current	902 A	1314 A
	输出电压 Output voltage	400/230 V	400/230 V
	功率因数 Power factor	0.8	0.8
	接线方式 Connection mode	三相四线 Three-phase four-wire	三相四线 Three-phase four-wire
	频率 Frequency	50 Hz	50 Hz
	重量 Total Weight	7.5 t	11 t
	分拆运输尺寸-箱体 Disassembled Transport Dimensions- Housing	4000 x 1800 x 2400	4800 x 2200 x 2650
发动机参数 Engine Parameters	分拆运输尺寸-拖车 Disassembled Transport Dimensions-Trailer	4200 x 2400 x 1000	5000 x 2900 x 1100
	合体运输尺寸 Combined Transportation Dimension(L x W x H) (excluding external silencer and trailer towing)	4200 x 2400 x 3400 (不含外置消音器和拖车牵引)	5200 x 2900 x 3800 (不含外置消音器和拖车牵引)
	品牌 Brand	玉柴 (潍柴) Yuchai (Weichai)	潍柴 (玉柴) Weichai (Yuchai)
	油耗 Fuel consumption	60-100 L/h	100-170 L/h
	额定转速 Rated speed	1500 (1500) r/min	1500 (1500) r/min
	最大功率 Maximum power	616 kW	902 kW
	压缩比 Compression ratio	13:1 (14:1)	13.9:1 (14:1)
	进气方式 Air intake method	涡轮增压 Turbocharging	涡轮增压 Turbocharging
	调速方式 Speed control	电子调速 Electronic	电子调速 Electronic
	燃油规格 Fuel	0#轻柴油 0# light diesel	0#轻柴油 0# light diesel
发电机参数 Generator Parameters	润滑油规格 Lubricant	高于CF级 Above CF level	高于CF级 Above CF level
	功率 Power	625 kVA	912.5 kVA
	额定转速 Rated speed	1500 r/min	1500 r/min
	绝缘等级 Insulation level	H	H
	升温等级 Temperature rise level	H	H
	空载电压调整范围 Adjustment range of no-load voltage	±5 %	±5 %
	防护等级 Protection rating	IP23	IP23
	稳态电压调整率 Steady-state voltage adjusting rate	±1 %	±1 %
	励磁方式 Excitation mode	AVR	AVR

生产线配置发电机推荐表 Recommended Generator Configuration for Production Line

生产线组合 Prouduction Line	发电机功率 Generator Power	变压器功率 Transformer Power	发电机组型号 Model of Generator Set
SP127JE+SP1560SE(SP2065SE)	≥400 kW	≥400 kVA	SPT500MGS
SP1213IE+SP1560SE(SP2065SE)	≥450 kW	≥500 kVA	
SP127JE+SP1213IE	≥600 kW	≥630 kVA	SPT800MGS
SP127JE+SP1213IE+SP1560SE(SP2065SE)	≥750 kW	≥800 kVA	
SP127JE+SP300CE+SP1560SE(SP2065SE)	≥750 kW	≥800 kVA	

SP127JE



SP300CE



SP1213IE



SP1560SE



SPT500MGS/SPT800MGS



SP2065SE



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