



		Standby(kVA)	18	21	27.5	35	41	
Item		Model	MS18N-S	MT21N	MT28N	MT35N	MT41N	
Spec.	standby power	kVA/kW	18/14	21/16.5	27.5/22	35/28	41/33	
	prime power	kVA/kW	16/13	19/15	25/20	32/25	38/30	
	Frequency	Hz	50	50	50	50	50	
	rated voltage	V	400V	400V	400V	400V	400V	
	rated current	A	23.5	27.1	36.1	45.1	54.1	
	power factor	COSΦ	0.8	0.8	0.8	0.8	0.8	
Engine	brand	—	MiracleGen					
	model	—	M-F10A	M-4Y	M-4Y	M-4Y	M-4Y	
	displacement	L	0.97	2.237	2.237	2.237	2.237	
	speed	RPM	3000	1500	3000	3000	3000	
	compression ratio	—	9:1	10:1	10:1	10:1	10:1	
	bore*stroke	mm*mm	66*78	91*86	91*86	91*86	91*86	
	starting method	—	electric start	electric start	electric start	electric start	electric start	
	cooling method	—	water cooled	water cooled	water cooled	water cooled	water cooled	
	oil capacity	L	3	4.2	4.2	4.2	4.2	
	oil cooler	—	with	without	with	with	with	
	mixer	—	Venturi	Venturi	Venturi	Venturi	Venturi	

	ignition system	—	distributor	distributor	distributor	distributor	distributor
	speed governor	—	DEG-25	DEG-36	DEG-36	DEG-36	DEG-36
Alternator	brand	—	SCB	Faraday	Faraday	Faraday	Faraday
	model	—	SCB	FD1E	FD1D-2	FDIF-2	FDIG-2
	phase	—	3 phases, 4 wires	3 phases, 4 wires	3 phases, 4 wires	3 phases, 4 wires	3 phases, 4 wires
	connecting method	—	flange coupling	SAE standard	SAE standard	SAE standard	SAE standard
	way of excitation	—	brush	brushless, self-excitation	brushless, self-excitation	brushless, self-excitation	brushless, self-excitation
	insulation grade	—	H level	H level	H level	H level	H level
	Generator Set	controller cabinet	—	—	9902	9902	9902
controller type		—	SmartGen Digital Controller	SmartGen Digital Controller	SmartGen Digital Controller	SmartGen Digital Controller	SmartGen Digital Controller
display		—	LCD	LCD	LCD	LCD	LCD
fuel		—	PNG	PNG	PNG	PNG	PNG
gas inlet pressure		kPa	1-5.5kPa	1-5.5kPa	1-5.5kPa	1-5.5kPa	1-5.5kPa
dimension (open type)		mm*mm*mm	1200*760*850	1400*710*920	1400*710*920	1400*710*920	1400*710*920
net weight (open type)		kg	285	480	480	480	480
protection level		—	IP23	IP23	IP23	IP23	IP23
warranty period		hrs.	1000	1000	1000	1000	1000
NG consumption @full load		m ³ /kW.h	0.3	0.3	0.3	0.3	0.3



MS13N

