



Mark X

Model	Mark X
Frame size	500 ÷ 560
Regulator	Mark X
Part number	10005161
Compliance	CE

Main Data	
Generator frame size	On request 630÷800
AVR supply	PMG
Voltage sensing	Three phase
Voltage remote control	Arrangement
Radio interference supressor	Internal
MARK X	10005161
Over-excitation device	Arrangement for varicomp
Parallel operation with the mains	Arrangement for device
Parallel operation with similar generators	Arrangement
Standard protections	Over-excitation

Limiters	Under-frequency
Function	Auxiliary inputs
Electrical characteristics	
Power supply voltage	170 ÷ 277 Vac @ 100/120 Hz
Power supply source	PMG
Voltage build-up	5 Vac
Voltage sensing type	1-phase / 3-phase
Voltage sensing range	170 ÷ 480 Vac
Current sensing type	1-phase
Current sensing range	1 A
Maximum continuative field current	0 ÷ 8 Adc
Maximum forcing field current	0 ÷ 15 Adc
Maximum field voltage	100 Vdc
Field resistance	3 Ω ÷ 20 Ω
Regulation accuracy from no load to full load	±0.5 %
Steady state accuracy	±0.1 %
Accuracy with ±4% engine governing	±1 %
Thermal Drift	±0.5 %
Response time	1 cycle
Operating temperature	-30°C ÷ +70°C
Storage temperature	-40°C ÷ +80°C

Features	
Interface	Potentiometers, dip-switches
Function	Droop compensation
Protection	Under-frequency limiter Over-excitation limiter Internal fuse, replaceable
Control	External potentiometer, 100 k Ω - 1 W External DC voltage signal (-3/+3 V)
Dimensions and weight	
L	180mm
B	170mm
K	160mm
J	150mm
H	41mm
D	6.5mm
Weight	670g

Drawing

