



PRODUCT DATA SHEET

MG-Set MGS 1500

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 1500



Input

Rated power	kVA	1280
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	1847

Output

Rated power (cos φ 0,8)	kVA	1500
Rated voltage 3ph (other voltages on request)	V	690
Rated current	A	1255
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	> 92
Dimensions		
Converter		
■ Width	mm	3732
■ Depth	mm	1817
■ Height	mm	1803
Switchboard		
■ Width	mm	2200
■ Depth	mm	600
■ Height	mm	2000
Weight		
■ Converter	kg	13350
■ Switchboard	kg	790



PRODUCT DATA SHEET

MG-Set MGS 1250

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 1250



Input

Rated power	kVA	1073
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	1548

Output

Rated power (cos φ 0,8)	kVA	1250
Rated voltage 3ph (other voltages on request)	V	690
Rated current	A	1046
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	> 92
Dimensions		
Converter		
■ Width	mm	3592
■ Depth	mm	1817
■ Height	mm	1803
Switchboard		
■ Width	mm	2200
■ Depth	mm	600
■ Height	mm	2000
Weight		
■ Converter	kg	12500
■ Switchboard	kg	740



PRODUCT DATA SHEET

MG-Set MGS 1000

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 1000



Input

Rated power	kVA	865
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	1248

Output

Rated power (cos φ 0,8)	kVA	1000
Rated voltage 3ph (other voltages on request)	V	690
Rated current	A	837
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	> 92
Dimensions		
Converter		
■ Width	mm	3192
■ Depth	mm	1817
■ Height	mm	1803
Switchboard		
■ Width	mm	2200
■ Depth	mm	600
■ Height	mm	2000
Weight		
■ Converter	kg	11250
■ Switchboard	kg	680



PRODUCT DATA SHEET

MG-Set MGS 800

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 800



Input

Rated power	kVA	697
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	1006

Output

Rated power (cos φ 0,8)	kVA	800
Rated voltage 3ph (other voltages on request)	V	440/254
Rated current	A	669
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	92
Dimensions		
Converter		
■ Width	mm	3192
■ Depth	mm	1817
■ Height	mm	1803
Switchboard		
■ Width	mm	2200
■ Depth	mm	600
■ Height	mm	2000
Weight		
■ Converter	kg	9950
■ Switchboard	kg	650



PRODUCT DATA SHEET

MG-Set MGS 600

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 600



Input

Rated power	kVA	532
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	768

Output

Rated power (cos φ 0,8)	kVA	600
Rated voltage 3ph (other voltages on request)	V	440/254
Rated current	A	787
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	91
Dimensions		
Converter		
■ Width	mm	3049
■ Depth	mm	1676
■ Height	mm	1456
Switchboard		
■ Width	mm	1600
■ Depth	mm	600
■ Height	mm	2000
Weight		
■ Converter	kg	8000
■ Switchboard	kg	450



PRODUCT DATA SHEET

MG-Set MGS 450

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 450



Input

Rated power	kVA	398
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	575

Output

Rated power (cos φ 0,8)	kVA	450
Rated voltage 3ph (other voltages on request)	V	440/254
Rated current	A	590
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	90
Dimensions		
Converter		
■ Width	mm	2729
■ Depth	mm	1422
■ Height	mm	1456
Switchboard		
■ Width	mm	1600
■ Depth	mm	600
■ Height	mm	2000
Weight		
■ Converter	kg	6450
■ Switchboard	kg	350

PRODUCT DATA SHEET

MG-Set MGS 300

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 300



Input

Rated power	kVA	280
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	404

Output

Rated power (cos φ 0,8)	kVA	300
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	832A (208V), 394A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	88
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm		3346
■ Depth	mm		2020
■ Height	mm		1700
Weight	kg		5890

Dimensions free standing version		Converter	Switchboard
■ Width	mm	2604	1200
■ Depth	mm	1330	500
■ Height	mm	1272	2000
Weight	kg	4350	400



PRODUCT DATA SHEET

MG-Set MGS 225

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 225



Input

Rated power	kVA	207
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	298

Output

Rated power (cos φ 0,8)	kVA	225
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	624A (208V), 295A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	87
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm		3346
■ Depth	mm		2020
■ Height	mm		1700
Weight	kg		5535

Dimensions free standing version		Converter	Switchboard
■ Width	mm	2469	1200
■ Depth	mm	1330	500
■ Height	mm	1272	2000
Weight	kg	3995	380



PRODUCT DATA SHEET

MG-Set MGS 150

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 150



Input

Rated power	kVA	140
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	202

Output

Rated power (cos φ 0,8)	kVA	150
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	416A (208V), 197A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	86
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	2362	
■ Depth	mm	1000	
■ Height	mm	1300	
Weight	kg	3335	

Dimensions free standing version		Converter	Switchboard
■ Width	mm	2327	1200
■ Depth	mm	963	500
■ Height	mm	875	2000
Weight	kg	2865	350

PRODUCT DATA SHEET

MG-Set MGS 125

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 125



Input

Rated power	kVA	118
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	171

Output

Rated power (cos φ 0,8)	kVA	125
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	347A (208V), 164A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	86
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	2362	
■ Depth	mm	1000	
■ Height	mm	1300	
Weight	kg	3150	

Dimensions free standing version		Converter	Switchboard
■ Width	mm	2227	1200
■ Depth	mm	963	500
■ Height	mm	875	2000
Weight	kg	2600	350

PRODUCT DATA SHEET

MG-Set MGS 75

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 75



Input

Rated power	kVA	70
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	101

Output

Rated power (cos φ 0,8)	kVA	75
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	208A (208V), 99A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	86
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	1830	2000
■ Depth	mm	1000	1100
■ Height	mm	1100	1160
Weight	kg	1950	1985

Dimensions free standing version		Converter	Switchboard
■ Width	mm	1677	800
■ Depth	mm	876	500
■ Height	mm	775	2000
Weight	kg	1570	250



PRODUCT DATA SHEET

MG-Set MGS 60

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 60



Input

Rated power	kVA	59
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	85

Output

Rated power (cos φ 0,8)	kVA	60
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	166A (208V), 79A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	83
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	1830	2000
■ Depth	mm	1000	1100
■ Height	mm	1100	1160
Weight	kg	1625	1660

Dimensions free standing version		Converter	Switchboard
■ Width	mm	1677	800
■ Depth	mm	876	500
■ Height	mm	775	2000
Weight	kg	1245	250

PRODUCT DATA SHEET

MG-Set MGS 30

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 30



Input

Rated power	kVA	30
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	43

Output

Rated power (cos φ 0,8)	kVA	30
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	83A (208V), 39A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	82
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	1830	2000
■ Depth	mm	1000	1100
■ Height	mm	1100	1160
Weight	kg	1360	1395

Dimensions free standing version		Converter	Switchboard
■ Width	mm	1500	800
■ Depth	mm	876	500
■ Height	mm	775	2000
Weight	kg	980	220



PRODUCT DATA SHEET

MG-Set MGS 20

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 20



Input

Rated power	kVA	22
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	32

Output

Rated power (cos φ 0,8)	kVA	20
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	56A (208V), 26A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	76
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	1630	1800
■ Depth	mm	800	900
■ Height	mm	1100	1160
Weight	kg	1180	1215

Dimensions free standing version		Converter	Switchboard
■ Width	mm	1497	600
■ Depth	mm	732	500
■ Height	mm	620	2000
Weight	kg	850	200



PRODUCT DATA SHEET

MG-Set MGS 12

Highlights

- Single housing, brushless converters
- Outstanding overload performance
- Highest reliability
- No mains perturbation
- Low output distortion factor
- Self-ventilated
- Constant output voltage for non-linear loads
- Maximum reliability MTBF 1,000,000 hours

Switchboard

- High degree of user-friendliness
- Automatic load-dependant parallel operation, up to 8 in parallel
- Stable operation performance due to microprocessor control
- Interface for remote control and centralized control, PC or modem connection



Nothing protects quite like Piller

PRODUCT DATA SHEET

MG-Set MGS 12



Input

Rated power	kVA	15
Rated voltage 3ph (other voltages on request)	V	400 ±10 %
Rated frequency	Hz	50
Rated current	A	22

Output

Rated power (cos φ 0,8)	kVA	12
Rated voltage 3ph (other voltages on request)	V	208/120, 440/254
Rated current	A	33A (208V), 16A (440V)
Rated frequency	Hz	60
Overload capability	%	20 % overload for up to 10 minutes 50 % overload for up to 2 minutes

General data

Total efficiency	%	71
------------------	---	----

Dimensions compact version		Indoor version	Outdoor version
■ Width	mm	1630	1800
■ Depth	mm	800	900
■ Height	mm	1100	1160
Weight	kg	1010	1045

Dimensions free standing version		Converter	Switchboard
■ Width	mm	1497	600
■ Depth	mm	732	500
■ Height	mm	620	2000
Weight	kg	680	190