




GENSYS RANGE COMPARISON

	 GENSYS COMPACT PRIME	 GENSYS COMPACT MAINS	 GENSYS 2.0	 MASTER 2.0
Panel cut out	220 x 160 mm	220 x 160 mm	228 mm x 177 mm	228 mm x 177 mm
Size	245 x 182 x 40mm	245 x 182 x 40mm	248 x 197 x 57mm	248 x 197 x 57mm
Weight	0,7Kg	0,7Kg	1,9Kg	1,9Kg
Front/Back panel protection	IP 65/ IP20	IP 65/ IP20	IP 65 (IP 66 option) / IP20	IP 65 (IP 66 option) / IP20
Operating temperature	-20°C / +70°C	-20°C - +70°C	-20°C / +70°C	-20°C - +70°C
LCD characteristics	80x54mm - 128x64 pixels	80x54mm - 128x64 pixels	114x64mm - 240x128 pixels	114x64mm - 240x128 pixels
Type of paralleling	"Only between generators set"	"1 Generator with mains"	"Between generators or 1 generator with mains"	"Several generators with one or several mains"
Generator set in parallel	32	1 (with mains)	32 generators + 1 mains	32 generators or mains
Number of discrete inputs	9	9	16	16
Analog inputs	3 : 0-5000hrs or 0-20mA	3 : 0-5000hrs ou 0-20mA	5 : resistive or 0-20mA	5 : resistive or 0-20mA
Digital outputs	8	8	9	9
Magnetic pick up input	Yes	Yes	Yes	Yes
Possibility of digital inputs/outputs extensions (on CANopen)	32DI/32DO	32DI/32DO	128DI/64DO	128DI/64DO
Possibility of analog inputs/outputs extensions (on CANopen)	0E/0S	0E/0S	44DI/32DO	44DI/32DO
Generator breaker control	Yes	Yes	Yes	NA
Power plant breaker control	No	No	NA	Yes
Mains breaker control	No	Yes	Yes	Yes
Engine control with PWM signal	No	No	Yes	Yes
Engine control/measure with CAN J1939	Yes	Yes	Yes	Yes
Measurement voltage (100 - 480VAC) - Single/BI/Three phases	3 GE (4 wires) + 3 Bus (3 wires)	3 GE (4 wires) + 3 Mains (3 wires)	3 GE (4 wires) + 3 Bus/Réseau (3 fils)	3 Bus (4 wires) + 3 Mains (3 wires)
Measurement current (1 - 5A) - Single/BI/Three phases	3 Generators	3 Generators + 1 Mains	3 Generators + 3 Bus/mains	3 Bus + 3 mains
Three-phase current junction	4 wires	4 wires	6 wires	6 wires
Full manu mode (synchro, load share KW, KVAR,...)	No	No	Yes (free option)	Yes (free option)
Active paralleling / Static paralleling	Yes / Yes	Yes / Yes	Yes / Yes	NA
kW Sharing by analog parallel lines	No	No	Yes	Yes
Limit alarm/fault	2 adjustable limits	2 adjustable limits	1 limit + unlimited with PLC	1 limit + unlimited with PLC
Phase shift compensation (type DYN11)	No	No	Yes	Yes
Watchdog digital output	No	No	Yes (option)	Yes (option)
Tie Breaker management	No	No	Yes	NA
Remote supervision (with BSD 2.0 opt.)	Yes	Yes	Yes	Yes
Send mail/text message about event (with BSD 2.0 opt.)	Yes	Yes	Yes	Yes
Geographical localisation with security perimeter (with BSD 2.0 opt.)	Yes	Yes	Yes	Yes
Ethernet port (isolated, PC connection,+ Modbus TCP read/write)	1	1	1	1
CANbus port (isolated, CANopen + J1939 + CAN inter-modules)	2	2	2	2
RS485 port (isolated, modbus RTU read/write)	0	0	1	1
SD card (SD & SDHC FAT 16/32)	No	No	Yes	Yes
Alarms memory (on screen)	15 actives + last 30	15 actives + last 30	5 actives + last 50	5 actives + last 50
Fault memory (on screen)	15 actives + last 30	15 actives + last 30	5 actives + last 50	5 actives + last 50
Alarms/Fault memories (on PC)	1365	1365	2450	2450
Storage on SD card (timer mini = 1s)	No	No	Up to 32Go	Up to 32Go
Generator electrical protection (F, U, I, KW,KVAR,...)	Yes	Yes	Yes	Yes
Earth fault protection	Yes	Yes if mains is not used	Yes if mains is not used	No
Short circuit protection	Yes	Yes	No	No
Operating/Configuration with PC (CREConfig)	Yes	Yes	Yes	Yes
Programming	Yes (EasyFlex)	Yes (EasyFlex)	Yes (EasyPLC)	Yes (EasyPLC)
Languages	Up to 10 languages	Up to 10 languages	3 permanent languages + 1 configurable language	3 permanent languages + 1 configurable language

