

Comparison Table

NEW TECHNOLOGY EDITION

	InteliGen	InteliSys	IG-NT	IG-NTC	IG-EE	IG-EEC	IS-NT
Binary Inputs/Outputs	9/9 (21/21) ¹⁾	16/16 (128/128) ¹⁾	12/12 (108/108) ¹⁾	12/12 (108/108) ¹⁾	6/6 (102/102) ¹⁾	6/6 (102/102) ¹⁾	16/16 (112/112) ¹⁾
Analog Inputs/Outputs	3/0 (7/1) ¹⁾ (configurable as tristate)	4/1 (68/1) ¹⁾	3/0 (83/32) ¹⁾ (configurable as tristate)	3/0 (83/32) ¹⁾ (configurable as tristate)	0/0 (80/32) ¹⁾ (configurable as tristate)	0/0 (80/32) ¹⁾ (configurable as tristate)	4/1 (84/33) ¹⁾ (configurable as tristate)
Integrated PLC	—	Limited programmable functions	Standard ⁹⁾	Standard ⁹⁾	Standard ⁹⁾	Standard ⁹⁾	Extended
Input configuration	●	●	●	●	●	●	●
Output configuration	●	●	●	●	●	●	●
Voltage measurement Gen/Mains range	3ph/3ph 230V ²⁾	3ph/3ph 230V ²⁾	3ph/3ph 277V	3ph/3ph 120V / 277V	3ph/3ph 277V	3ph/3ph 120V / 277V	3ph/3ph 120V / 277V
Current measurement range	3ph/6w IDMT overcurrent 5A	3ph/6w IDMT overcurrent 5A	3ph/6w IDMT overcurrent 5A	3ph/6w IDMT overcurrent 1A / 5A	3ph/6w IDMT overcurrent 5A	3ph/6w IDMT overcurrent 1A / 5A	3ph/6w IDMT overcurrent 1A / 5A
kW/kWh measurement	●/● (kW total, per phase)	●/● (kW total, per phase)	●/● (kW total, per phase)	●/● (kW total, per phase)	●/● (kW total, per phase)	●/● (kW total, per phase)	●/● (kW total, per phase)
Extension modules	IG-IOM, IGS-PTM, IG-PC(LS)M, IG-COM, IGL-RA15, I-RD, J1939 ECU ³⁾	IS-AIN8, IS-BIN16/8, IGL-RA15, IGS-PTM, I-CB ⁴⁾ , IS-RD	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, I-CB ⁴⁾ , IG-Display	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, I-CB ⁴⁾ , IG-Display	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, I-CB ⁴⁾ , IG-Display	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, I-CB ⁴⁾ , IG-Display	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, I-CB ⁴⁾ , IS-Display
Communication extension units	I-LB, IG-IB	I-LB, IG-IB	I-LB, IG-IB, I-LB+	I-LB, IG-IB, I-LB+	I-LB, IG-IB, I-LB+	I-LB, IG-IB, I-LB+	I-LB, IG-IB, I-LB+
Communication interfaces	RS232, MODBUS, CAN, CAN for periph.	RS232, MODBUS, CAN, CAN for periph.	RS232/RS485, MODBUS, CAN, CAN for periph.	2 x RS232/RS485, MODBUS, CAN, CAN for periph., USB 2.0	RS232/RS485, MODBUS, CAN, CAN for periph.	2 x RS232/RS485, MODBUS, CAN, CAN for periph., USB 2.0	2 x RS232/RS485, MODBUS, CAN, CAN for periph., USB 2.0
Modem support	●	●	● ⁵⁾	● ⁵⁾	● ⁵⁾	● ⁵⁾	● ⁵⁾
Active call/SMS support	●	●	●	●	●	●	●
Synchronizing + Mains parallel operation	Optional (with IG-PCM module)	Optional (with IS-PCM dongle)	●	●	●	●	●
Multiple operation + Power Management System	Optional (with IG-PCLSM + IG-COM modules)	Optional (with IS-PCLSM+PMS dongle)	Optional (with IGS-NT-LSM+PMS dongle)	Optional (with IGS-NT-LSM+PMS dongle)	Optional (with IGS-NT-LSM+PMS dongle)	Optional (with IGS-NT-LSM+PMS dongle)	Optional (with IGS-NT-LSM+PMS dongle)
Display	LCD 128x64	LCD 320x240	LCD 128x64	LCD 128x64	LCD 128x64	LCD 128x64	LCD 320x240
Battery charging alternator circuit (D+)	—	—	●	●	●	●	●
Multilanguage support	Western Europe, Eastern Europe ⁶⁾ , Cyrillic ⁶⁾ , Turkish ⁶⁾ , Chinese (separate HW)	Western Europe, Eastern Europe	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ⁷⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ⁷⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ⁷⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ⁷⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC support ⁷⁾
Direct Bus-tie application support	—	—	●	●	●	●	●
Binary/analog signal sharing	—	—	●	●	●	●	●
History (max records ⁸⁾)	120	1000	500	500	500	500	1000

● included | — excluded

1) numbers in brackets are including extension modules
2) 277V range version available with special HW
3) separate SW branches
4) for various ECU (MTU, MDEC, CAT/CCM, Deutz)

5) including modems without HW control signals
6) from HW version 3.2
7) covers any language with "Graphical Chars" like Chinese, Korean...
8) depends on number of values in history record
9) more PLC blocks are available with IGS-NT-miniCHP dongle