

FUNCTION OVERVIEW OF ATS AND GEN-SET CONTROLLERS

	InteliATS ^{NT}	InteliLite ^{NT}	InteliLite ^{NT}	InteliLite ^{NT}
MODEL	STD, PWR	MRS 10, MRS 11	MRS 15, MRS 16	AMF 20, AMF 25
Binary Inputs/Outputs	4/4, 7/7	6/6	6/6	7/7
Analog Inputs/Outputs	–	3/0	3 (7) ⁵⁾ / 1 ⁵⁾	3 (7) ⁵⁾ / 1 ⁵⁾
AMF function	●	–	–	●
GCB control with feedback	● ¹⁾	– ⁴⁾ , ●	– ⁴⁾ , ●	●
Integrated PLC	–	–	–	–
Input configuration	●	●	●	●
Output configuration	●	●	●	●
Voltage measurement Gen / Mains (bus)	3 ph / 3 ph	3 ph / –	3 ph / –	3 ph / 3 ph
Current measurement	3 ph ¹⁾	3 ph	3 ph, IDMT overcurrent	3 ph, IDMT overcurrent ⁶⁾
kW / kWh / kVA measurement	● ¹⁾ / ● ¹⁾ / ● ¹⁾	● / – / ●	● / ● / ●	● / ● ⁶⁾ / ●
Extension modules and remote displays	IL-NT RD (SW), IL-NT BIO8	IL-NT RD (SW), IL-NT AOUT8, IL-NT BIO8	IGL-RA 15, IG-IOM, IGS-PTM, IL-NT RD (SW), IL-NT AOUT8, IL-NT BIO8	IGL-RA 15 ⁶⁾ , IG-IOM ⁶⁾ , IGS-PTM ⁶⁾ , IL-NT RD (SW), IL-NT AOUT8, IL-NT BIO8
Communication modules	IB-Lite ¹⁾ , IL-NT RS232, IL-NT RS232-485, IL-NT S-USB,	IB-Lite, IG-IB, IL-NT RS232, IL-NT RS232-485, IL-NT S-USB	IB-Lite, IG-IB, IL-NT RS232, IL-NT RS232-485, IL-NT S-USB	IB-Lite, IG-IB, IL-NT RS232, IL-NT RS232-485, IL-NT S-USB
Communication interfaces	RS232, Modbus, Embedded web server	RS232 (external AT-LINK CONV cable needed), Embedded web server	RS232, CAN for periph., Modbus, Embedded web server	RS232, CAN for periph. ⁶⁾ , Modbus ⁶⁾ , Embedded web server
Modem support	o	o	o	o
Active call/SMS support	o ¹⁾	o	o	o
Synchronizing + Mains parallel operation	–	–	–	–
Multiple operation + Power Management System	–	–	–	–
Display	LCD 128×64	LCD 128×64	LCD 128×64	LCD 128×64
Battery charging alternator circuit (D+)	–	●	●	●
Multilanguage support	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾
Direct Bus-tie application support	–	–	–	–
Binary / analog signal sharing	–	–	–	–
History (max records)³⁾	119 ¹⁾	–	119	119 ⁶⁾

KEY

- included
- excluded
- o optional – plug-in module required

- 1) only PWR model
- 2) covers any language with “Graphical Chars” like Chinese, Korean, etc.
- 3) depends on number of values in history record
- 4) automatic GCB control without feedback
- 5) with IG-IOM or IGS-PTM
- 6) only AMF 25 model
- 7) requires IL-NT AOUT8
- 8) with IS-AIN8, IS-BIN16/8, I-OUT8 or IGS-PTM
- 9) more PLC blocks are available with IGS-NT–miniCHP dongle
- 10) including modems without HW control signals
- 11) IC-NT CT-BIO7 is already included in the controller



Intellicompact ^{NT}	Intellicompact ^{NT}	InteliGen ^{NT}	InteliGen ^{NT}	InteliSys ^{NT}
SPTM	MINT		NTC	
9/8 (17/16) ⁵⁾	9/8 (17/16) ⁵⁾	12/12 (108/108) ⁸⁾	12/12 (108/108) ⁸⁾	16/16 (112/112) ⁸⁾
3 (7) ⁵⁾ / 8 ⁷⁾	3 (7) ⁵⁾ / 8 ⁷⁾	3/0 (83/32) ⁸⁾ (configurable as tristate)	3/0 (83/32) ⁸⁾ (configurable as tristate)	4/1 (84/33) ⁸⁾ (configurable as tristate)
●	–	●	●	●
●	●	●	●	●
–	–	Standard ⁹⁾	Standard ⁹⁾	Extended
●	●	●	●	●
●	●	●	●	●
3 ph / 3 ph	3 ph / 3 ph	3 ph / 3 ph	3 ph / 3 ph	3 ph / 3 ph
3 ph, IDMT overcurrent	3ph, IDMT overcurrent	3ph / 6w IDMT overcurrent	3ph / 6w IDMT overcurrent	3ph / 6w IDMT overcurrent
● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●	● / ● / ●
IGL-RA15, IG-IOM, IGS-PTM, IL-NT AOUT8, IL-NT BIO8, IC-NT RD (SW), IC-NT CT-BIO7 ¹¹⁾	IGL-RA15, IG-IOM, IGS-PTM, IL-NT AOUT8, IL-NT BIO8, IC-NT RD (SW)	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, IG-Display LT GC, InteliVision 8	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, IG-Display LT GC, InteliVision 8	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, IS-Display, InteliVision 8
IB-Lite, IL-NT RS232, IL-NT RS232-485, IL-NT S-USB	IG-IB, I-LB+, IB-Lite, IL-NT RS232, IL-NT RS232-485, IL-NT S-USB	I-LB+, IG-IB, I-CR, I-CB	I-LB+, IG-IB, I-CR, I-CB	I-LB+, IG-IB, I-CR, I-CB
CAN1 (peripheral modules, ECU), CAN2 (controller network), other interface depends on installed comm. module, Embedded web server	CAN1 (peripheral modules, ECU), CAN2 (controller network), other interface depends on installed comm. module, Embedded web server	RS232/RS485, Modbus, CAN, CAN for periph.	2× RS232/RS485, Modbus, CAN, CAN for periph., USB 2.0	2× RS232/RS485, Modbus, CAN, CAN for periph., USB 2.0
o	o	● ¹⁰⁾	● ¹⁰⁾	● ¹⁰⁾
o	o	●	●	●
●	●	●	●	●
–	●	o	o	o
LCD 128×64	LCD 128×64	LCD 128×64	LCD 128×64	LCD 320×240
●	●	●	●	●
Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾	Western Europe, Eastern Europe, Cyrillic, Turkish, GC optional support ²⁾
–	–	●	●	●
–	–	●	●	●
200	200	500	500	1000

