

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	3/4, 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 RD (SW)	IGL-RA15, IG-IOM, IGS-PTM, IL-NT RD (SW), IL-NT AOUT8	IGL-RA15 ⁶⁾ , IG-IOM ⁶⁾ , IGS-PTM ⁶⁾ , IL-NT RD (SW), IL-NT AOUT8
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	RS232 (external AT-LINK CONV cable needed)	RS232, CAN for periph., Modbus	RS232, CAN for periph. ⁶⁾ , Modbus ⁶⁾
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



Intellicompact ^{NT}	Intellicompact ^{NT}	Intellicon ^{NT}	Intellicon ^{NT}	Intellicon ^{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	IGL-RA15, IG-IOM, IGS-PTM, IL-NT AOUT8	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, IG-Display LT GC, IntelliVision	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, IG-Display LT GC, IntelliVision	IS-AIN8, IS-BIN16/8, I-AOUT8, IGL-RA15, IGS-PTM, IS-Display, IntelliVision
IB-Lite, IL-NT RS232, IL-NT RS232-485, IL-NT S-USB	IB-Lite, IL-NT RS232, IL-NT RS232 - 485, IL-NT S-USB	I-LB/ I-LB+, IG-IB, I-CR, I-CB	I-LB/ I-LB+, IG-IB, I-CR, I-CB	I-LB/ I-LB+, IG-IB, I-CR, I-CB
CAN1 (peripheral modules, ECU), CAN2 (controller network), other interface depends on installed comm. module	CAN1 (peripheral modules, ECU), CAN2 (controller network), other interface depends on installed comm. module	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⁾
–	–	●	●	●
–	–	●	●	●
100	100	500	500	1000

