

InteliNeo

Improve energy resilience, whilst reducing costs and emissions with ComAp's smart energy management solutions

InteliNeo, our new ComAp product family for Hybrid Microgrids and Battery Energy Storage Systems (BESS) management. The InteliNeo 6000 and InteliNeo 5500 microgrid controllers can directly manage renewable and storage sources, whilst also coordinating with mains and gen-set controllers to provide one completely integrated power system.

The InteliNeo 530 BESS can control, protect or monitor all essential parts within the BESS to ensure the highest level of storage system performance.



InteliNeo 6000

- > Site controller for integration of PV & BESS while also coordinating with mains and gen-sets
- > Modbus Client integrated
- > Extended PLC
- > CAN & controller redundancy
- > Grid code support
- > Supports up to 16 Modbus devices
- > Supports up to 64 ComAp controllers
- > InteliGateway 300/301 compatible



InteliNeo 5500

- > Site controller for integration of PV & BESS while also coordinating with mains and gen-sets
- > Modbus Client integrated
- > Integrated 5" colour display
- > Buttons for fast navigation
- > User configurable for PV & BESS
- > Supports up to 9 Modbus devices
- > Supports up to 8 ComAp controllers



InteliNeo 530 BESS

- > Source-level controller configurable for battery inverter and BMS integration
- > Modbus Client integrated
- > Integrated 5" colour display
- > Supports up to 9 Modbus devices
- > AC & DC startup sequence control
- > Auxiliary systems control
- > Alarm and fault management
- > Secure external network interface

Comparison Table

Function	InteliNeo 6000	InteliNeo 5500	InteliNeo 530 BESS
Panel Mounting	✗	✓	✓
Display	External	Integrated	Integrated
AC Accuracy 3x I, 3x I	0.5%	1%	1%
AC Accuracy 3x U, 1x I	0.5%	1%	1%
AC Accuracy I (Aux) (EFC)	0.5%	1%	1%
Analog In/A-Out	4/2	4/2	4/2
Binary In/B-Out	12/12	8/8	8/8
Modbus Extension Module	✓	✗	✗
Interconnected Devices [^]	32/64	4/8*	32
CAN2 Redundancy*	✓	✗	✗
Hot Swap* (CU Redundancy)	✓	✗	✗
Ethernet Ports	3	1	1
RS485	✓	✓	✓
Modbus Client TCP	✓	✓	✓
Modbus Client RTU	✓	✓	✓
Modbus Devices	16 [^]	9	9
Modbus Device List	✓	✓	✓
Force Values	32	24	24
Shared Signals I/O	✓	✓	✓
Distributed Signals I/O	✓	✗	✗
Grid Codes	✓	✓	✓
SunSpec Protocol	✓	✓	✓
WebSupervisor	✓	✓	✓
InteliSCADA	✓	✓	✓
InteliVision 10 and 18 Display	✓	✓	✓
Spot Price Dispatch Tool	✓	✓	✓

[^] number of devices supported can be extended with InteliGateway 300/301

* With software keys

