

Product Roadmap

Product Management

June 22nd 2022



www.cet-power.com



Belgium, Luxembourg, China, India,
United States, United Kingdom, France,
Germany, United Arab Emirates, Russia,
Malaysia, Australia.



**Key benefits
of a
collaboration
with**



Innovation

Availability

Modularity

Flexibility

Optimize TCO

Since 1934

Customer

Our offer is constantly evolving

- Inverter System for critical backup
- Multidirectionnal Converter system.
- Controller Inview
- UPS large power
- Certification
- Future

Inverter Family Low Power



	BRAVO 4	BRAVO 6	BRAVO 10
AC in	230VAC (150-268Vac)		
AC out	220/230/240Vac line – neutral or 3x380/3x400/3x415Vac		
VDC	48VDC (40-60)		
Efficiency AC/AC - DC/AC	92% - 90%	94% - 92%	96% - 93%
Operating T°	-20°C to 70°C	-20°C to 60°C derating to 70°C	-20°C to 50°C derating to 70°C

NEW



Fully compatible : Inview S, Inview X, Inview GW

Bulk or Distribution

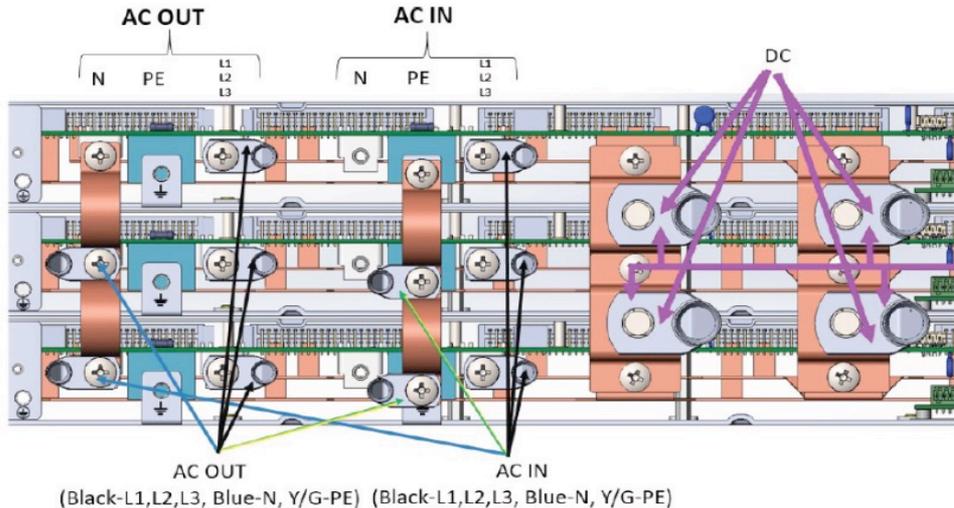
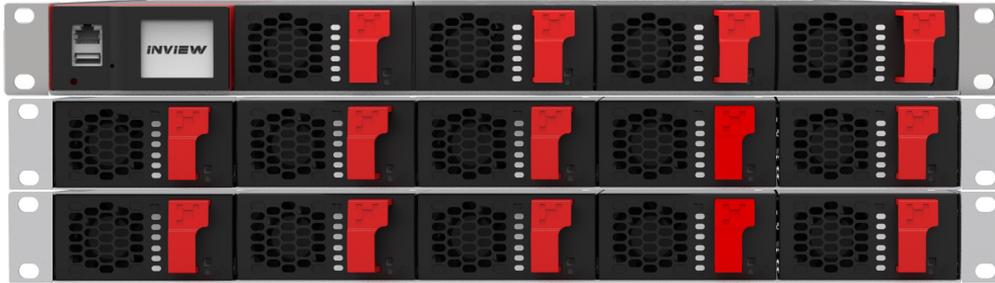


**Bulk output on
terminal**



**AC distr.
2xIEC320 socket
with Fuse 10A**

Easy to integrate



Integration kit



- Easy to install
- Single phase up to 3 shelves
- Three phase 3 shelves
- Available SIERRA10 also

BRAVO 25 Family



	Bravo 25 48/120	BRAVO 25 48/230	BRAVO 25 110/230	BRAVO 25 400/230
AC in	120VAC (90-144Vac)	230VAC (150 to 293 Vac)		
AC out	120/240/3x208Vac	1PH: 220/230/240VAC - 3PH: 3x380/3x400/3x415VAC		
VDC	48 (32-60)	48 (32-60)	110 (90-150)	336 (200-430)
Efficiency AC/AC - DC/AC	95% - 93%	95% - 93,5%	96% - 93.7%	96% - 94%



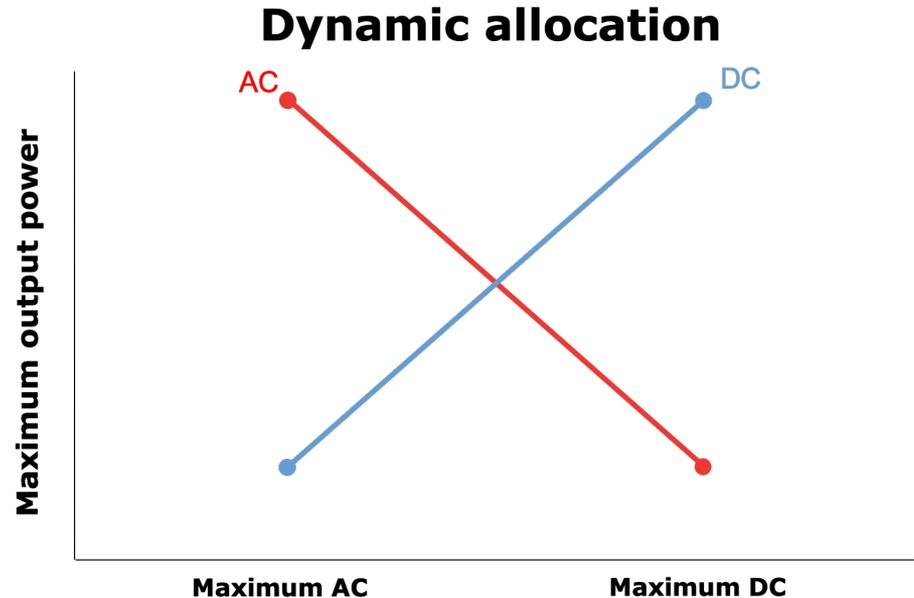
Fully compatible : Inview S, Inview X, Inview GW

SIERRA Family

No one can predict what kind of load will be used in the near future.

Sierra uses the energy, whatever its source, to feed what needs it.

The total output power is **dynamically shared**



SIERRA 25 Converter family



NEW

	SIERRA 25 48/120	SIERRA 25 48/230	SIERRA 25 110/230	SIERRA 25 400/230
AC in	120VAC (90-144)	1PH: 220/230/240VAC L-N 3 wires (150 to 293 Vac) 3PH: 3x380/3x400/3x415Vac+N 5 wires		
AC out	120/240/3x208Vac	1PH: 220/230/240VAC - 3PH: 3x380/3x400/3x415VAC		
VDC	48 (32-60)	48 (32-60)	110 (90-150)	336 (200-430)
Efficiency AC/AC - DC/AC	95% - 93%	95% - 93,5%	96% - 93.7%	96% - 94%



Fully compatible : Inview S, Inview X, Inview GW

System Bravo 25 & Sierra 25

Single-phase

Three-phase

36 kVA

36 kVA

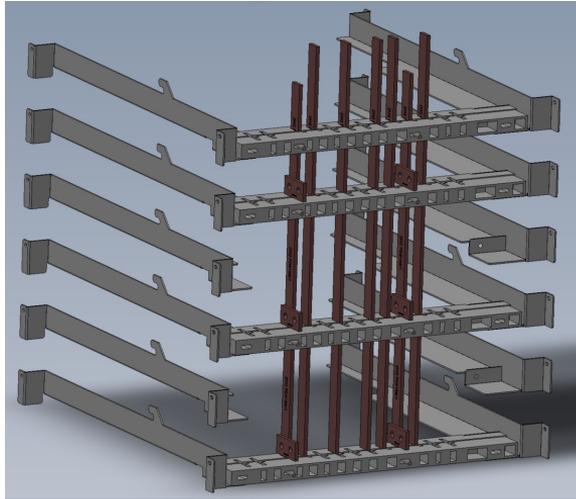
72 kVA

90 kVA



(Single or three-phase, custom AC distribution, manual by pass, surge arrestor, door and base frame, IP20 to IP42, IP54)

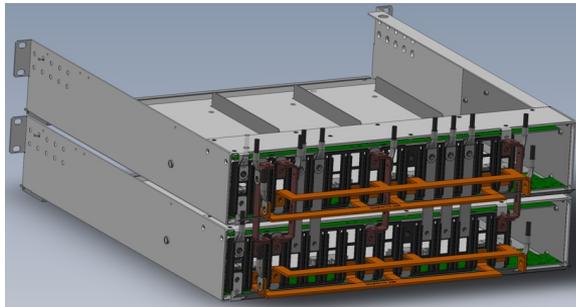
Partner integration



NEW

Integration kit BRAVO/SIERRA 25

- Easy to install
- DC bus bar single, dual, common
- AC bus bar single or 3 phase
- Com bus cable
- Accessories for 19" cabinet integration

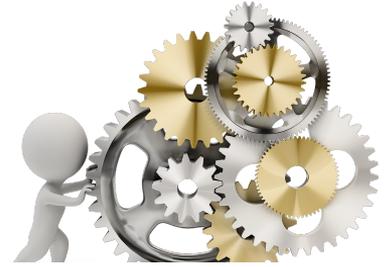


NEW

INVIEW : SLOT-S-X CONCEPTS



Licenses



- Inview 5 (and superior) use a license model to operate. For standard monitoring they come with a basic license named “Inview”.
- *Operation Extension* : Enhance the Machine-To-Machine interfaces and the cybersecurity.
- *Equipment Extension* : Allow the system to interface with more modules, smart batteries and use third party devices.

C codes



- **What?** A new concept in the ordering process
C codes include all non-material items
- **Why?** To ease commissioning and maintenance
- **How?** Simple! A *C-code* (Customization) is linked to Inview.



C-code on your PO, you receive what you need !

Critical backup

- Objective : Complete our offer modular UPS
- CE+T work on a strategic alliance to reach several MW of output power and adress energy transition.



Grid support, interactive

CE+T works on **applications for:**

- **C&I** (commerce & industries);
- **Microgrids** (on or off-grid);

- **Grid injection;**
- Connection and management of **renewable energies (DC & AC coupling);**
- **Peak shavings** or **phase balancing;**
- Many other innovative solutions using a **shared DC distribution.**

Certification

	HERCULES	SIERRA 25 48/230	SIERRA 25 380/230	STABILITI
Grid Interactive	EN50549- SynergridC10/C11	AS4777 VDE4105 EN50549 Synergrid C10/C11	AS4777 VDE4105 EN50549 Synergrid C10/C11	AS4777 EN50549-VDE4105 Synergrid C10/C11
Planning	Available	August 2022 September 2022	August 2022 September 2022	September 2022 December 2022
Safety IEC	62040-1	62109-1&2 62040-1 62477-1 1 shelf 4 Mod	62109-1&2 62040-1 62477-1 1 shelf 4 Mod	62109-1&2 62040-1 62477-1
Planning	Available	Available July 2022	Available July 2022	December 2022

Controller : Inview X

Thank you
for your attention

Check our website

www.cet-power.com

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