



CATALIN CRIVINEANU– Partner Account Manager



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UITAȚI-VĂ ÎMPREJUR!

Tot ceea ce atingem facem, sau trăim în lumea noastră modernă este posibil datorită energiei.









Eaton – prezenta semnificativa in Romania





Vanzari:

EATON ELECTRIC SRL -

fondata in Decembrie 1997 (sub denumirea de Moeller Electric)

Productie:

EATON ELECTROPRODUCTIE – fondata in 2002; localizata langa Baia Mare (Sarbi + Busag)

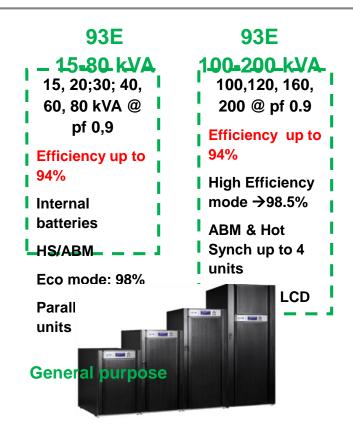
COOPER INDUSTRIES ROMANIA – localizata langa Arad



3 phase UPS

91PS / 93PS <u>8- 40 kW</u> Efficiency > 96% Modular and compact design ESS, HS, ABM, Internal bat. Hot swap/scale Cloud and Virtualization ready Prem lar) Powering Business Worldwide

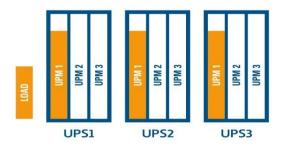
93PM 9395P 30- 500 kW 2<u>50-1200 kW</u> Efficiency > Efficiency up to 96% 97% Modular and Modular and compact design compact design ESS /VMMS/HS Distributed and ESS, HS, ABM, Centralized Internal bat. topologies High end software & P.1.0.

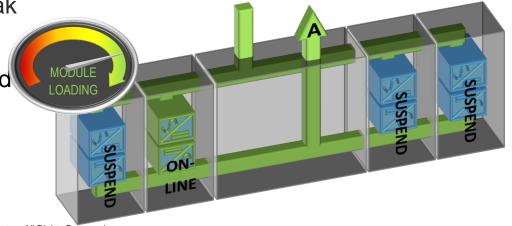


Energy Saving Technologies - VMMS

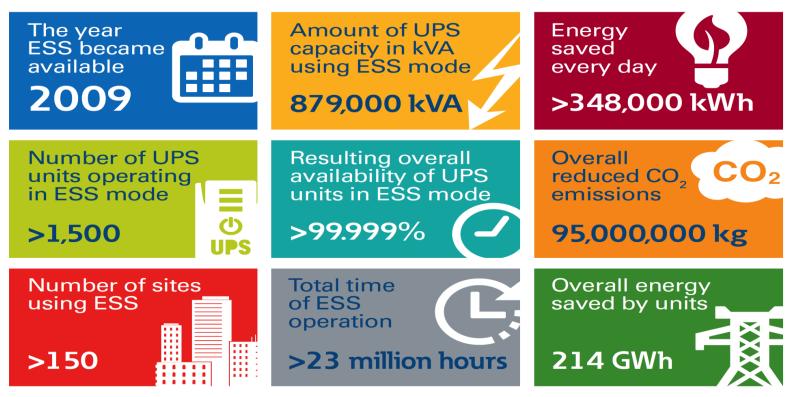
- Variable Module Management System (VMMS) brings up efficiency and optimizes the load levels of power modules by suspending extra UPS capacity
- Optimised for 50% load level peak efficiency/module
- All control logic is active, suspend modules are synchronised all the time and ready to go online when required







Energy Saver System (ESS) – 99%





A partnership of environmental excellence



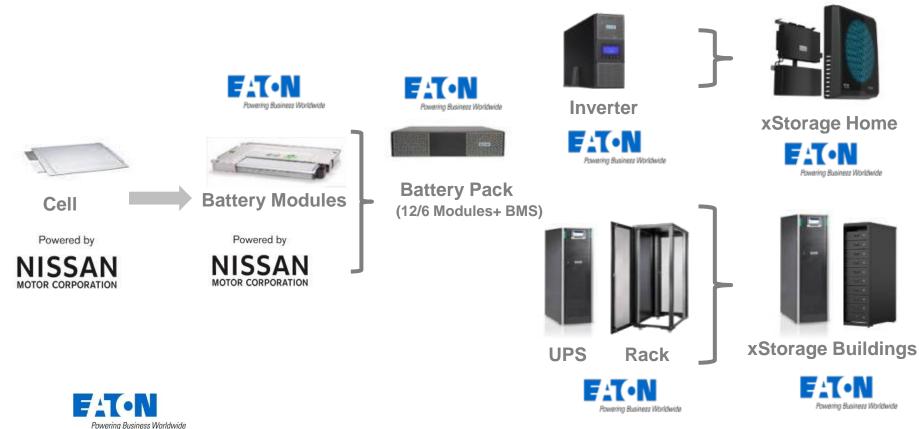
Expertise - Reach - Dependability - Diversity - Footprint - Portfolio

Eaton can partner with you to help you achieve substantial benefits.



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Eaton with Nissan Technology Partnership



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The xStorage Home system





Customer Installation of Eaton Nissan energy storage solution for Buildings with EV battery pack



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We have been selected...



During matches, sporting fixtures, or concerts, a stadium or an arena's demand for electricity typically ramps by several megawatts over a matter of hours, in order to power large loads like lighting, catering and broadcasting equipment.

Many stadiums operate large events with their critical load supported by generators.

Eaton's Energy Storage System is designed to

- reduce the use of generators and provide clean and dependable energy on event day.
- support reduced energy costs by minimizing peak demand charges
- improve network stability
- reduce infrastructure costs while providing critical system power requirements



Future scenarios & Trends UPS as a reserve

Reserves are needed to supplement mandatory frequency regulation to correct deviations in grid frequency and supply-demand balance caused by forecast inaccuracy and faults



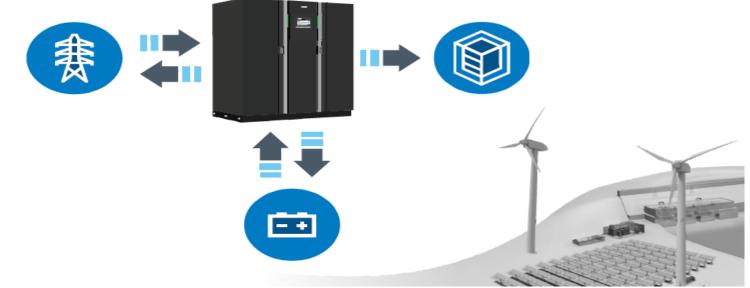


The frequency in the grid can be controlled by increasing/decreasing production or comsumption to/from the grid.





UPS with batteries are a great reserve in providing an impact to production or comsumption to/from the grid.





Future scenarios & Trends UPS as a reserve – Data Center Contribution

UPS-as-a-Reserve enables a data center to increase its competitiveness by turning its necessary investments into a revenue stream:

 Value of 1 MW in the market has been approx. 50 k€; paid for availability, possibly for use as well

Data center has control of their energy, choosing how much capacity to offer, when, and at what price.



Feel free to email your questions to: <u>CatalinCrivineanu@Eaton.com</u>



