

Efficient Power Solutions

eVO+R How Buck and Boost Protects



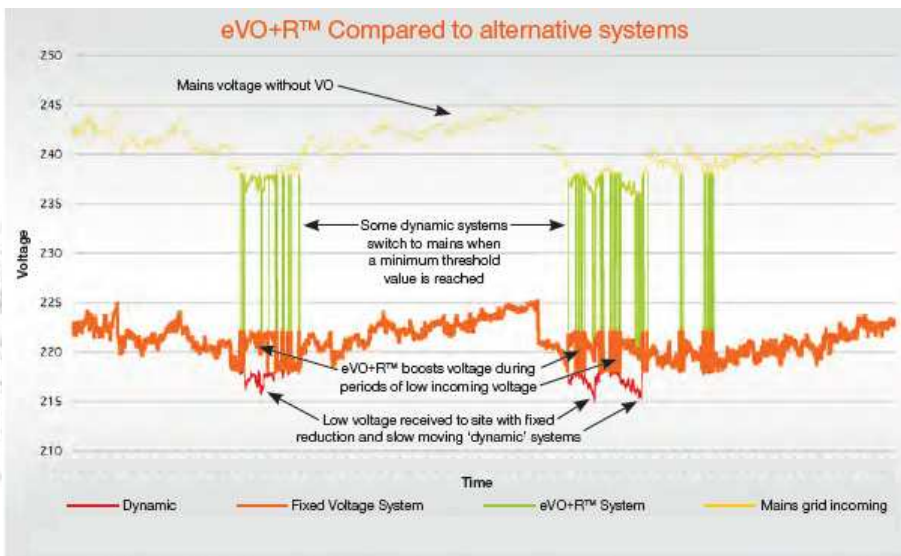
Efficient Power's eVO+R 3rd generation voltage optimisation product offers the market unrivalled supply resilience through its unique buck and boost technology. As standard our unit features a +/- 10% buck/boost ability which allows Efficient Power to offer our clients significant protection from an increasingly unstable grid.

In addition to buck and boost, our technology adds further protection by means of a fast response time of less than 300ms to fast moving grid voltage fluctuations which fall outside of operating limits. Fixed reduction voltage optimisation systems on the market offer no protection from a fluctuating grid.

Other 'dynamic' voltage optimisation systems suffer from either slow response times, often up to 10 seconds, or trip into a bypass state.

The graph below shows a working example of the eVO+R system adding resilience and ensuring a useable site voltage is maintained.

Buildings with the eVO+R buck and boost system have increased protection from grid instability



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Delivering total power management solutions to industry and the built environment

