

HYBRID BATTERY – INSTALLED APPLICATIONS EUROPE

BOS HYBRID BATTERY SYSTEMS CAN BE EMPLOYED IN A VARIETY OF APPLICATIONS. THE FOLLOWING SHOW SOME EXAMPLES WHERE THE SYSTEMS ARE ALREADY NOW EMPLOYED.



The picture shows our own office, running on our HS50 hybrid system. The system powers two workstations with a 300W inverter. These are the powered loads: 2x laptops, 2x 24" monitors, 2x landline phones, 1x scale, 2x smart phone charges a day and even a paper shredder! Taking benefit of both, the built in lithium and the external lead acid batteries our office can now be powered off-grid, without any limitations.



Several customers built our hybrid battery system in their caravan, offering them the possibility to stay “on power” even when they are “off-grid” using renewable energy generated by PV panels and stored in our lithium & lead acid hybrid battery system!



One of our hybrid battery systems is installed in a mobile chicken barn. The light is used to simulate longer daytime with light in the evening hours, leading to a higher egg yield. Due to the IP65 dust and water protection mobile chicken barn can still be cleaned easy with a water hose, without damaging the system.



Our hybrid battery system HS100 is also used to provide light to a carport switched on by an automatic movement detector. Again the IP65 dust and water protection provides a robust solution. The lithium part of the hybrid battery is intelligently protected against low temperatures, whilst system performance is still ensured using the lead acid battery during periods of cold winter days.