



InnoTrans 2018
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**INNOVATIONS
AND TRENDS**

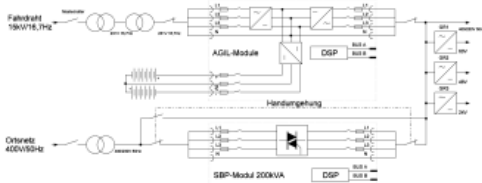
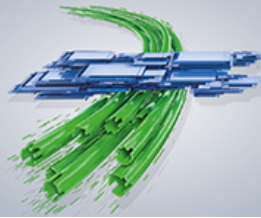


Modular UPS system for electronic interlocking systems



AGIL 80 kVA SBP

Subject to further change



AGIL-IL principle

An interruption of the local network of electronic interlocking systems must not lead to a failure of the signalling technology. On electrified lines, the catenary network with 15 kV/16.7 Hz is used as a network substitute. This voltage prevails in Germany, Austria, Switzerland, Sweden and Norway. However, the loads expect a voltage of 50 Hz, as it comes from the local network. The world novelty UPS works with 3-phase, bidirectional UPS modules AGIL, fed from the transformed catenary voltage, and controlled smart bypasses, fed by the local network. A typical UPS, consisting of 4 AGIL modules, a smart bypass and manual bypass, provides 30 kVA/30 kW. The cabinet in which the UPS is housed has dimensions [WxHxD] of only 0.6 x 2 x 0.6 m. By juxtaposing a power of up to 320 kVA/320 kW can be achieved.

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