



Customer

Customer with headquarter in Munich is a German company specialized to organize huge Techno festivals like The Club Dome Frankfurt (180.000 visitors – 3 MW power); Tomorrowland (400.000 visitors > 5MW power)

Applications

In order to operate such huge festivals without any problems, a great deal of effort is required to avoid system failures. Lots of power electronics on the stages, Power Supply often with diesel power generators.

A big advantage is the IP65 protection of our mobil PQ analyzers. They can be mounted outdoors at the most interested places (not at the generator or transformer – the best place to see all power quality disturbances is at the end of the cable. Video walls with dimensions of 20m x 10m producing a lot of supraharmonics, often harmonic filters have to be installed to run such a system without problems.

Technical Solution A. Eberle

PQ-Box 300:

- IP65 water protection to install devices outdoors
- Power supply over measurement connection (no socket necessary)
- Power Quality measurement with supraharmonics up to 170kHz (necessary to see all power quality disturbances from the huge amount of electronic equipment)
- Kensington lock to prevent theft and protection with keylock and code.
- Huge memory to store all data even with small measuring intervals for the duration of the festival.
- Very high quality software solution, and no software licenses for each installation. (different companies working parallel with these data)

Customer Feedback

Customer is a huge fan of our PQ boxes and produces many video clips in Instagram or youtube to show the possibilities of our mobil Power Quality analyzers. **The company does this completely free of charge.**

