



wasserkraft

PERMANENT MAGNET GENERATOR

SMOOTH RUNNING &
HIGHLY EFFICIENT



MODERN TECHNOLOGY FOR SUSTAINABLE POWER PLANTS

- Discover the future of hydropower with our highly efficient permanent magnet generators that can be directly coupled to low-speed hydropower turbines. Direct coupling with Kaplan turbines maximizes energy efficiency by eliminating mechanical transmission losses. This results in higher power generation and improved overall performance.
- Our compact design allows for easy installation and maintenance. The generators save space and fit easily into existing hydropower facilities. Their high efficiency and reliability allow you to reduce operating costs and increase the profitability of your plant.



FLEXIBLE AND DURABLE

- With WWS Wasserkraft you have a reliable partner and are well equipped for the tasks ahead thanks to the use of our long-lasting electro-mechanical equipment.
- Discover the advantages of our permanent magnet generators and revolutionize your hydropower system. Together we can create a clean and sustainable energy future.



THE PERFECT GENERATOR FOR EVERY POWER PLANT

DESIGN
horizontal design (B3)
vertical design (V1)

POWER CLASSES
20 to 2000 KVA

SPEED
100 to 500 rpm

COOLING
Water jacket cooling
with heat exchanger

YOUR ADVANTAGES WITH PERMANENT GENERATORS

- Higher efficiency than synchronous and asynchronous generators (>95%)
- Direct coupling with the turbine shaft for highest possible overall efficiency
- Quiet running and low noise generation due to slow-running rotor and water-cooled housing (<80 dB(A))
- Grid parallel operation possible
- Compact design
- Durable magnet design and high magnet quality
- High quality assurance during manufacturing and assembly



WWS
WASSERKRAFT

HIGH QUALITY TURBINES

MADE IN AUSTRIA

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