

QAS RANGE

GENERATORS



SERVICE
 < 2 Hrs
 EVERY 1000H

GRANTED 100% LOAD
 STEP CAPABILITY

25% LESS
 FOOTPRINT

10 MVA
 STABLE POWER
 < 15 SECONDS

50% HIGHER
 RESALE VALUE
 AFTER 5 YEARS

DUAL STAGE FILTERING,
 DOUBLE LIFETIME

Data may change depending on models.

SUPERIOR ACCESSIBILITY:

- 1-side serviceability (control panel side) through big access doors and panels
- Access to alternator (AVR and diode bridge)
- Full access to engine
- Direct radiator cleaning access
- External drain points access



Standard features*

INTEGRATED CONTROL AND POWER CUBICLE:

- Qc1103 island mode (remote start) digital controller
- 4 Pole breaker with B-curve
- Earth leakage protection
- Dedicated socket compartment
- Emergency stop

Mechanical options*

- Quick couplings for external fuel tank connection
- Frame with integrated long autonomy fuel tank
- Undercarriage adjustable towbar with brakes
- Towing eyes
- Refinery equipment (spark arrestor and air shut off valve)
- Cold start (synthetic oil filling)
- Cold flow (fuel additive)
- Custom colors



PORTABLE GENERATORS

iP	P	QEP	QEP R	QEP S
1,6 to 3 kW	2,5 to 6,5 kW	2,5 to 6,5 kW	5 to 11 kW	3,5 to 11 kW
63 dB(A) at 7m	70 dB(A) at 7m	67 dB(A) at 7m	68 dB(A) at 7m	61 dB(A) at 7m
6 hrs BEFORE REFUELLING	11 hrs BEFORE REFUELLING	9 hrs BEFORE REFUELLING	12 hrs BEFORE REFUELLING	12 hrs BEFORE REFUELLING
MULTIPLE UNITS CAN BE CONNECTED	AVR ELECTRIC START	ROBUSTNESS	AVR ELECTRIC START REMOTE START	LIFTING FRAME

IP RANGE GENERATORS

P 3000



Key features

- Recoil start
- Large fuel tank
- Sockets
- Automatic Voltage Regulation (AVR)
- Hour meter
- Circuit breaker
- CE noise compliance
- Low oil level protection

P 6500 / T P 8000 / T



Key features

- Recoil start
- Electric key start (12V)
- Large fuel tank
- Sockets
- Automatic Voltage Regulation (AVR)
- Hour meter
- Circuit breaker
- CE noise compliance *
- Wheel kit
- Low oil level protection
- Differential circuit breaker + UV coil + IP67 sockets, standard for P 8000T and optional for P 6500

* Except P8000/T



ZenergiZe

Clean and quiet energy,
optimal performance

1) ISLAND Mode

The island mode enables the ZenergiZe energy storage system to be used as a standalone power solution. It is an ideal way to meet the needs of zero noise environments, night operations, remote telecom applications, or to resolve low load challenges.

We have a solution to meet your needs



RELIABLE PERFORMANCE

The batteries provide reliable operation and flexible load management. For example:



CLEAN TECHNOLOGY

When used in the island mode, the CO2 savings can reach up to 100 percent if the units are powered by renewable energy sources.






COMPACT DESIGN

The range has a footprint of just 1.5 m², thanks to it, 20 units can be loaded on a 13-metre truck. The compact units are also much lighter in weight compared to other solutions, and can be transported without any specialist equipment. The range is also ideal for multidrop applications, thanks to its modular structure.



QUIET TECHNOLOGY

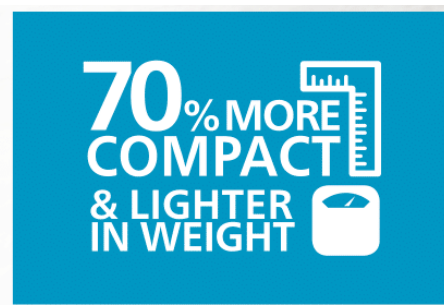
ZenergiZe models are silent in operation with zero noise emissions, thereby contributing to a safer working environment. They are a perfect choice for noise-sensitive applications, such as events and metropolitan construction sites.

ZBP45	ZBE45	LOAD
56 h	56 h	Using a HiLight E3+ (16A 1ph) 
8 h	8 h	Using the smallest socket (16A 3ph), low loads* 
1 h	3 h	For full power requirements (125A 3ph)** 

*Considering 5kW

**Max power for ZBP45 - 45kVA & for ZBE45 - 15kVA

*Depending on models



2) HYBRID Mode

In hybrid mode, the ZenergiZe energy storage system can be used together with any diesel generator to enable smart load management. With the benefit of zero noise emissions, the hybrid solution is ideal for use in a range of demanding applications, for example at events and in metropolitan construction.



VERSATILITY

The ZenergiZe energy storage system enables versatile smart load management. The units help the generator reach the peaks of power, optimizing its performance and extending its lifespan. This means that a 40% smaller generator can be used. The ZenergiZe range is also ideal for managing low load requirements.



ENVIRONMENTALLY FRIENDLY

In hybrid mode, users can reduce daily fuel consumption by up to 50%, contributing to a low total cost of ownership (TCO) and reducing the environmental impact of operation. During its operating life, a ZenergiZe unit emits 50 percent less than a standard standalone generator, saving approximately 100 tons of CO2.



HYBRID SYSTEM

The two models in the ZenergiZe range offer rated power of 15kVA and 45kVA, and energy storage capacity of 45kWh. The units are easy to connect to the generator thanks to a wide range of socket options.

ZenergiZe, potential savings*



*per unit during its life cycle, working in a hybrid solution

Cleaner Energy-working towards greener operations

YOUR CLEAN AND QUIET SOURCE OF ENERGY

LITHIUM-ION TECHNOLOGY

- 40.000 hour lifespan under normal operating conditions
- Overload capability up to 200%
- Virtually no maintenance
- Perfect match for short cycles (charge and discharge) performance
- Large usable energy range compared to other technologies
- Specifically designed to work at high and low ambient temperatures, from -15° to 50°*
- Low total cost of ownership

HIGH CAPACITY
LITHIUM
ION
BATTERY 

*Check options



THE ERA OF CONNECTIVITY

- Smart start and stop
- Energy Management system (EMS) with Battery management communication (BMS)
- Remote monitoring system and Bluetooth mobile application
- Parking mode



A MODULAR AND PORTABLE SOLUTION

- Galvanized skid
- Integrated lifting structure with single elevation point
- Doors for maintenance and door restraints
- Sling guides
- Compact size and light weight for easy transport

HYBRID
WITH
RENEWABLES 

PLUG AND PLAY

- Easy connection for solar panels
- Earth pin
- Emergency stop
- Circuit Breakers and Earth leakage Relay
- Plug and play sockets with any genset and load
- Passthrough limitation 100A

Optional features

- Cold weather performance
- GPS + GSM 3G or WiFi
- ITR
- MPPT Smart Solar charger
- Custom colors
- Trailer

The Battery Light Tower HiLight Z3+

The HiLight Z3+ features a high luminosity lamp assembly comprised of 4 x 160 W dimmable LEDs, with a life expectancy of 50,000 hours. Combined with specially designed directional glass optics, the floodlights provide optimal 20 lux light distribution over a 3000 m² illumination area. The LED lighting units are supported by a hydraulically elevated, 5-element vertical mast, certified wind-stable up to 80 km/h, with a maximum operating height of 8 m.



 8 Hrs CHARGING 4 NIGHTS AUTONOMY	 TRANSPORT EFFICIENCY 22 ut	 LIFE SPAN 50,000 Hrs
 LIGHT COVERAGE 3,000 m ² AVG. 20 LUXES	 MINIMUM MAINTENANCE TIME AND COSTS	 80 km/h WIND STABILITY
 DIMMABLE LED 4X160W		

Electric Light Tower with HardHat HiLight E3+

With no mechanical parts to maintain, and no liquids or emissions, the light tower is environmentally friendly and virtually maintenance-free.



 Exclusive HardHat technology	 TRANSPORT EFFICIENCY 32 ut	 100 km/h WIND STABILITY
 ZERO FUEL AND CO ₂ EMISSIONS	 LIFE SPAN 50,000 Hrs	 LIGHT COVERAGE 3,000 m ² AVG. 20 LUXES
 PLUG & LIGHT		

The Smart Light Tower HiLight B5+

The HiLight B5+ can be equipped with a new innovation called the **SmartMast™(*)**, which automatically lowers itself when safety or stability is compromised. The proprietary vertical mast technology from Atlas Copco features in-built sensors that detect when safety or stability of the light tower is compromised due to critical environmental or sites conditions, and alerts end users to potential obstacles and impacts. It also provides stability assistance when installing a light tower, for instance by flagging up irregular surfaces and floors, to ensure safe siting.



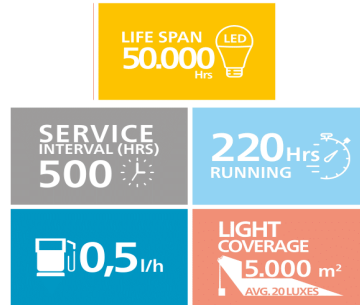
 WEEKLY TIMER	 55 dB(A) at 7m	 START PHOTOCELL
 LIGHT COVERAGE 5,000 m ²	 SERVICE INTERVAL 600 Hrs	 LIFE SPAN 50,000 Hrs
 SMART MAST		
 TRANSPORT EFFICIENCY 22 ut		

The Light on The Move

HiLight H5+

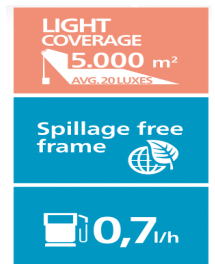
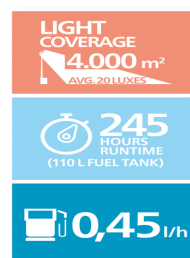
Extremely efficient, the HiLight H5+ demonstrates exceptional fuel consumption as well as offering the best luminosity. With 4 LED floodlights each projecting 350W of light, the HiLight H5+ can illuminate an area of 5.000 m².

Easy to transport, the model's compact size means 10 units can be moved on a standard 13-metre truck.



HiLight V4+ and HiLight V5+

The new HiLight V4+ and the HiLight V5+ include a HardHat® canopy as standard, which ensures maximum protection of internal parts. This range of light towers is perfect for multiple drop rental applications and providing users a robust and easy-to-transport set of lighting options that match any site requirements. Thanks to its compact dimensions, 16 units can be loaded on a 13-metre truck. The extended safety features also guarantee the protection of bulbs during transportation.



HiLight V2+ and HiLight V3+

These electric plug & light solutions provide flexible lighting options for a wide range of applications. The HiLight V2+ and V3+ come with a robust steel frame with PE bumpers.

These bumpers are designed to the same standards as the HardHat® Canopy.



PLUG & LIGHT

EASY TO TRANSPORT

LIGHT COVERAGE
2.000 m² v2+
3.000 m² v3+
AVG. 10 LUXES

LIFE SPAN
50.000 Hrs



HiLight P2+

Supplied with a special lighting optic, covered by an integrated polyethylene housing, you can be assured of no burn out and a longer lifetime. In addition, great performance comes from the unique floodlight that spreads **light 360 degrees, giving users a larger illuminated area compared to traditional balloon style towers.**

PLUG & LIGHT	50 km/h WIND STABILITY
LIGHT COVERAGE 2.000 m ² AVG. 10 LUXES	ZERO FUEL AND CO ₂ EMISSIONS
NO AIR PRESSURE NEEDED	ANTIBURN FLOODLIGHT



Wilо-TWI Series



Application

- For water and drinking water supply from boreholes and rainwater storage
- Process water supply
- For municipal water supply, sprinkling and irrigation
- Pressure boosting
- Lowering the water level
- For pumping water in industrial applications
- For pumping water without long-fibre and abrasive constituents

Special features/product advantages

- Long service life thanks to corrosion-resistant stainless steel, optionally in V4A quality
- ACS certified for domestic hot water applications
- A high degree of flexibility thanks to versions in the 4,6,8 and 10-inch area
- High range of performance from 1 to 250 m³/h

Wilо-Economy MHI

Application

- Water supply and pressure boosting
- Commerce and industry
- Cooling water circulation systems
- Washing and sprinkling systems

Special features/product advantages

- IE3 IEC three-phase AC motor (≥ 0.75 kW)
- All parts that come in contact with the fluid are made of stainless steel 1.4301 (AISI 304) or 1.4404 (AISI 316L)
- Space-saving, compact design
- Drinking water approval (ACS, KTW, WRAS) for all components in contact with the fluid (EPDM version)



Wilо-Helix FIRST V Series

Application

- Water supply and pressure boosting
- Industrial circulation systems
- Process water
- Cooling water circulation systems
- Fire extinguishing systems
- Washing systems

Special features/product advantages

- Efficiency-optimised, laser-welded 2D/3D hydraulics flow and degassing optimised.
- Corrosion-resistant impellers, guide vane apparatuses and stage housings
- Flow and degassing-optimised hydraulic parts
- Reinforced pump housing, flow and NPSH optimised.
- Space-saving and easy maintenance thanks to compact design.
- Particularly sturdy coupling guard.

Wilo-SiBoost Smart Helix V

Highly efficient water-supply unit ready for connection (non self-priming). With 2 to 4 vertically arranged glanded stainless steel high-pressure multistage centrifugal pumps from the Helix V series connected in parallel, including Smart Controller SC (available with and without frequency converter FC).



Wilo-SiBoost Smart Helix VE

Highly efficient water supply unit ready for connection (non self-priming). With 2 to 4 vertically arranged Helix VE series stainless steel high-pressure centrifugal pumps in glanded version switched in parallel; every pump is equipped with an integrated air-cooled frequency converter, included Smart Controller SCe.

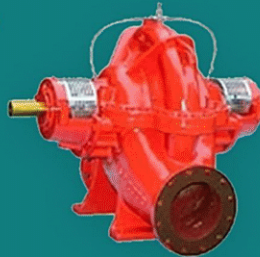


Wilo - Fire Fighting Pumps

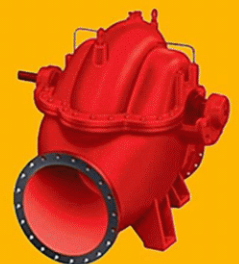
End Suction Pump



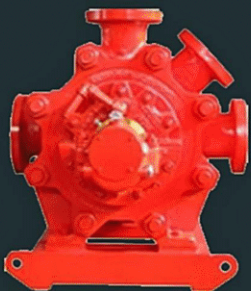
Axial Split Case Pump



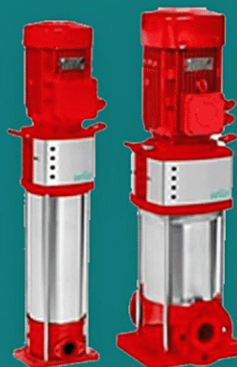
Standard Glanded Pump



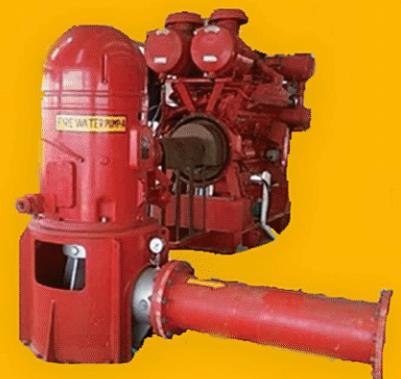
Multistage Pump



Jockey Pump-Multistage Pump



Vertical Turbine Pump

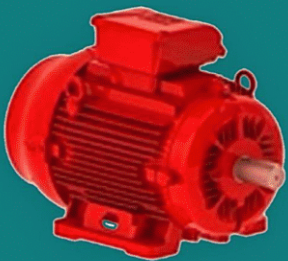




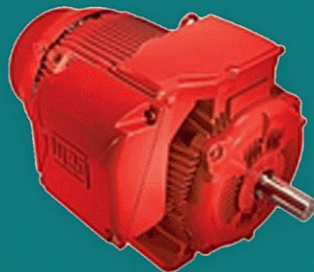
Fire Pump Controllers

Pump Driver

Electric Motor



IEC Motor



NEMA Motor UL1004-1
Standard

Diesel engine

IVECO



CLARKE

