

CREATING POWER SOLUTIONS.



Hatz Power Systems

Power generators
from 2 kVA to 3 MVA

Hatz Systems – Made in Germany



Hatz generating sets from 2 kVA to 3 MVA

For more than 30 years HATZ POWER SYSTEMS has been developing, producing and selling innovative standard and special generator sets on the basis of gas and diesel industrial engines, from a single set to large series, and also complete systems of any size up to commissioning.

The shift in global energy policy confronts us all with new challenges, in Germany in particular. The conversion of the energy supply from nuclear power plants (decommissioning by 2022) to many time-critical decentralized regenerative energy generators places a new task on power grid stability and availability for assuring the mandatory 50 Hz +/-0.2 Hz. Power grid overload and underload are increasingly causing unwanted supply instabilities. Those respon-

sible must satisfy the demand by providing sufficiently stable and cost-effective power grids through self-provision at any requested time and duration. As your partner when it comes to power and energy supply, we provide you with consultation, conception and production of customized complete systems.



Power generation

Hatz Systems focus on solutions that concern power and energy supply, scaleable electricity stations (mobile and stationary power outage and grid infeed solutions, peak load and base load coverage, continuous power supply, control energy provision for transmission system operators) and integration of our engines in hybrid applications.



| Type | HEA 7 TDWA5 | HHA 9.5 TDPA5 | HHA 15 TDTA5 | HHI 30 TDCW5 |
|-----------------------|----------------------------|----------------------------|----------------------------|---|
| Engine | Hatz 1B40U-4 | Hatz 1D81C | Hatz 2L41C | FPT F32AM1A |
| Speed [rpm] | 3000 | 3000 | 1500 | 1500 |
| Start system | E-start 12 V | E-start 12 V | E-start 12 V | E-start 12 V |
| Electr. power [kVA] | 6.5 | 9.5 | 15 | 30 |
| Volt | 400 V / 230 V | 400 V / 230 V | 400 V / 230 V | 400 V / 230 V |
| Frequency | 50 Hz | 50 Hz | 50 Hz | 50 Hz |
| Power outputs | CEE16A 3-ph Schuko 1-ph | CEE16A 3-ph Schuko 1-ph | CEE16A 3-ph Schuko 1-ph | CEE32A 3-ph CEE16A 3-ph Schuko 1-ph |
| Noise level Lwa dB(A) | 91 | 102 | 96 | 89 |
| Dimensions [mm] | 1,270x640x620 | 1,100x710x880 | 1,280x750x1,203 | 2,100x975x1,349 |
| Weight [kg] | 200 | 235 | 540 | 991 |



[e.g. scalable system solutions with photovoltaic, wind power and biogas plants], hydraulic and pump units, as well as climate units with independent power generation, cogeneration systems, as well as special applications for industrial, construction, agricultural, automotive, aeronautical, marine, rail and military technology.

|  |  |  |  |  |
|--|---|---|--|---|
| HGD 60 TDWW5 | HHI 100 TDCW5 | HHS-550TDOW5 | HHT-1030TDOW5 | HHM-2200 TDOW5 |
| Deutz BF4M2011C | FPT NEF45TM2A | Scania DC1671A[02-02] | Mitsubishi S12H-PTA | MTU 16V 4000 G63 |
| 1500 | 1500 | 1500 | 1500 | 1500 |
| E-start 12 V | E-start 12 V | E-start 12 V | E-start 24 V | E-start 24 V |
| 60 | 100 | 550 | 1110 | 2360 |
| 400 V / 230 V | 400 V / 230 V | 400 V / 230 V | 400 V | 400 V |
| 50 Hz | 50 Hz | 50 Hz | 50 Hz | 50 Hz |
| CEE125A 3-ph CEE16A 3-ph Schuko 1-ph | CEE63A 3-ph CEE32A 3-ph CEE16A 3-ph Schuko 1-ph | CEE63A 3-ph CEE32A 3-ph CEE16A 3-ph Schuko 1-ph | Terminal board | Terminal board |
| 89 | 91 | — | — | — |
| 2,365x965x1,610 | 2,750x1,100x1,760 | 3,600x2,090x1,460 | 4,500x2,391x1,773 | 6,744x2,553x2,150 |
| 778 | 1,689 | 3,371 | 9,230 | 17,683 |

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