

4" HIGH EFFICIENCY SYSTEMS



PACKAGED DEAL - ONE-STOP SHOP

Perfectly matching components guarantee first-class performance

- Synchronous submersible motor
- Variable frequency drive
- Matching output filter (> 230 V)
- Flow switch (Solar systems \geq 4 kW)



APPLICATIONS



SUPERIOR EFFICIENCY



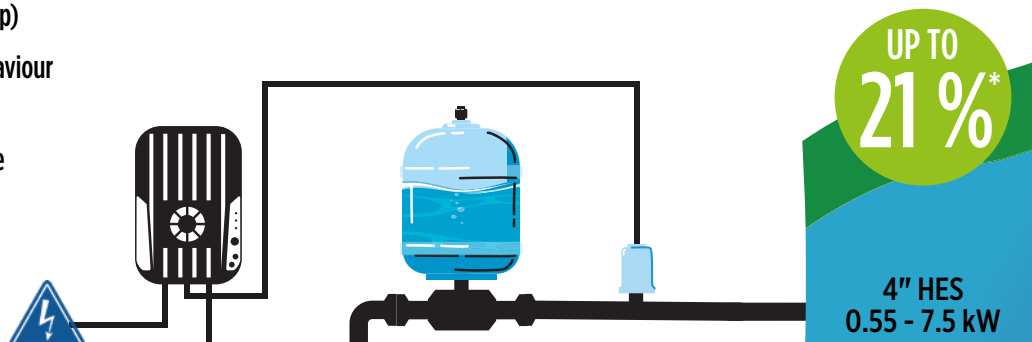
In times of rising energy costs, new systems put more and more emphasis on the best possible efficiency. Here, Franklin Electric has set a new benchmark with its High Efficiency Systems.

Compared to standard asynchronous motors, energy savings of up to 21 % have been achieved in numerous systems installed world-wide. See the success stories of our customers on franklinwater.eu

- ✓ No electrical rotor losses with permanent magnet motors
- ✓ Up to 15 points (21%) improved motor efficiency*
- ✓ Reduced motor current / cable cross-section
- ✓ Synchronous speed (no slip)
- ✓ Excellent partial load behaviour (Reduced stock levels)
- ✓ Less temperature heat rise

- Franklin Electric Synchronous motor range
- Standard asynchronous motor range

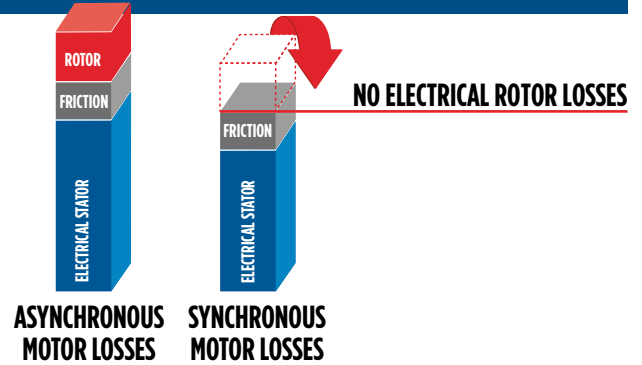
*compared to current asynchronous technology, measured with Franklin Electric Original equipment



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PERMANENT MAGNET TECHNOLOGY

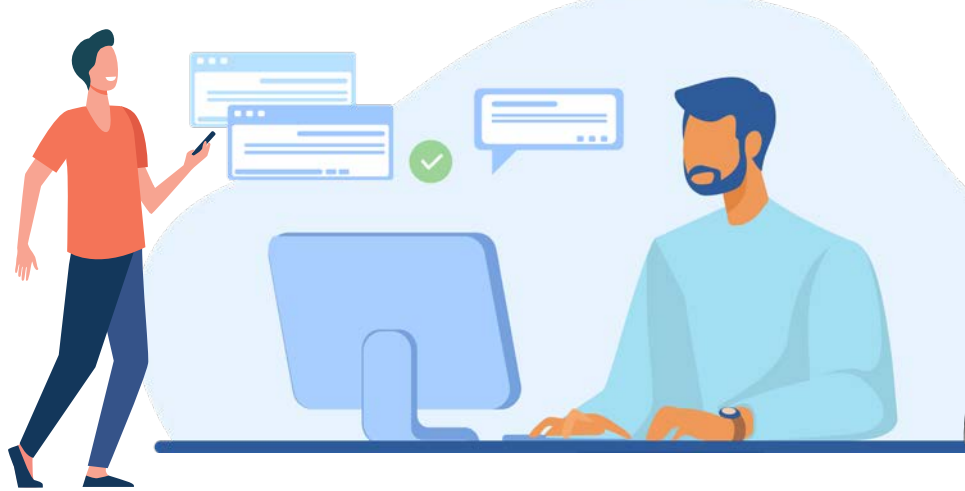
The key factor for energy savings and superior efficiency is the permanent magnet technology of the motor. Instead of a short-circuit induction type rotor, the high efficiency motor contains a permanent magnet rotor design with buried magnets.



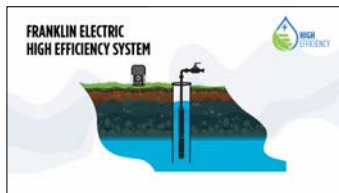
EASY INSTALLATION AND REMOTE CONTROL

For the operation of a PM motor, a frequency converter is required.

- Operation with grid or solar supply
- Easy and fast commissioning due to initial configuration wizard
- Remote control and real-time monitoring via Mobile App
- Remote assistance / Trouble shooting from the Franklin Electric support team



Click to view the video about cost savings of the Franklin HES



SELECTION AND PAYBACK TOOL



To help you select the right system for your grid and solar applications, use the HES selection and sizing tool on the **Franklin website**.



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