# 4"-10" HIGH EFFICIENCY SYSTEMS

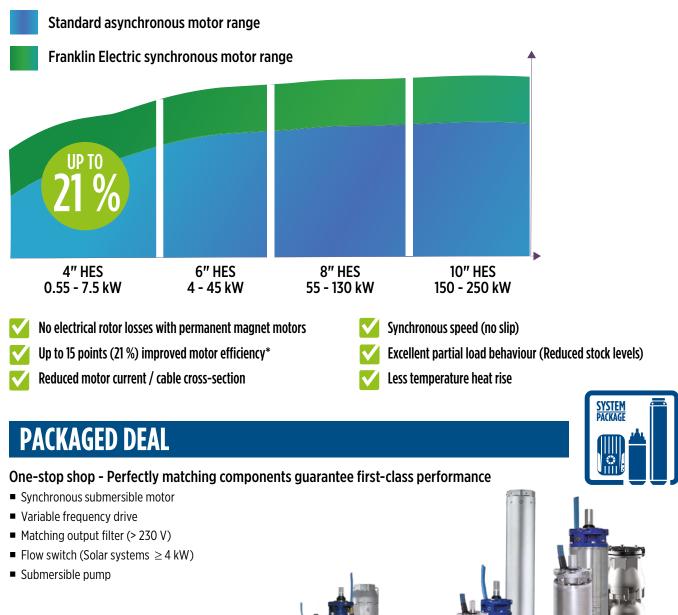
#### **SUPERIOR EFFICIENCY**

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 (HES).

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** 

HIGH

FFFICIENCY



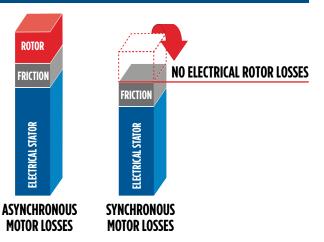


\*compared to current asynchronous technology and measured with Franklin Electric Original equipment

# 4"/6"/8"/10" HIGH EFFICIENCY SYSTEMS

## **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.



### **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.



### **EASY INSTALLATION & SUPPORT**

- Operation with grid or solar supply
- Easy and fast commissioning due to initial configuration wizard
- Remote control and real-time monitoring via Mobile App (4")
- Remote assistance / Trouble shooting from the Franklin Electric support team (4")

#### APPLICATIONS





#### **SOLAR SYSTEMS**

- One-stop shop and perfectly matching components guarantee first-class performance/efficiency
- Direct DC feeding, AC power source compatible
- Suitable for the use in remote areas and harsh environments
- **Robust Electronics enclosure designs**
- The special Franklin Electric MPPT algorithm for borehole applications maximizes the system performance.
- 4" Solar Voltage Boost (up to 2.2 kW)
  - Sizing in power rather than voltage
  - ► Reduction of required Solar panels, more water respectively
  - Saving of investments and installation work



