

AQUAGEM®

INVERTER FOR SAVING

INVERSTAR



Inverter Technology

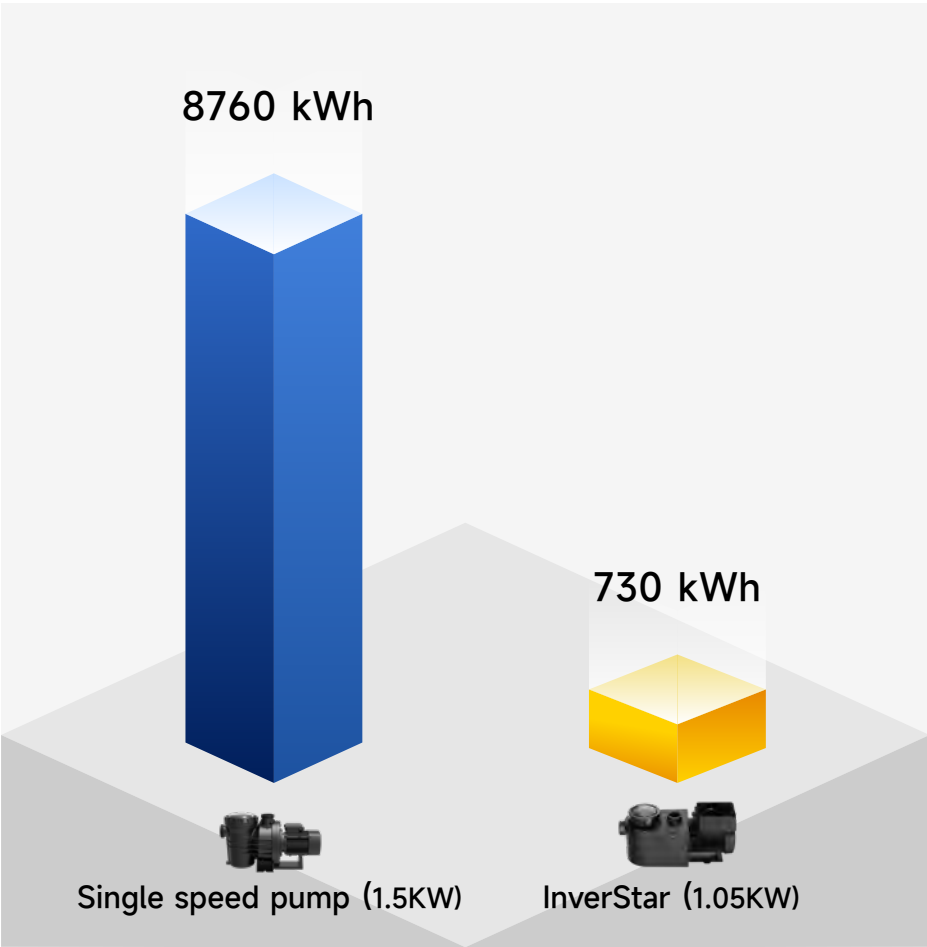
Thanks to inverter technology, the motor speed can be controlled precisely by 1 round. When users need a backwash, the pump can run at 100% capacity; For daily filtration demand, which needs small flow rate, the pump can run at low capacity, which is extremely quiet and energy efficient; The life span is also longer due to Aquagem inverter tech.



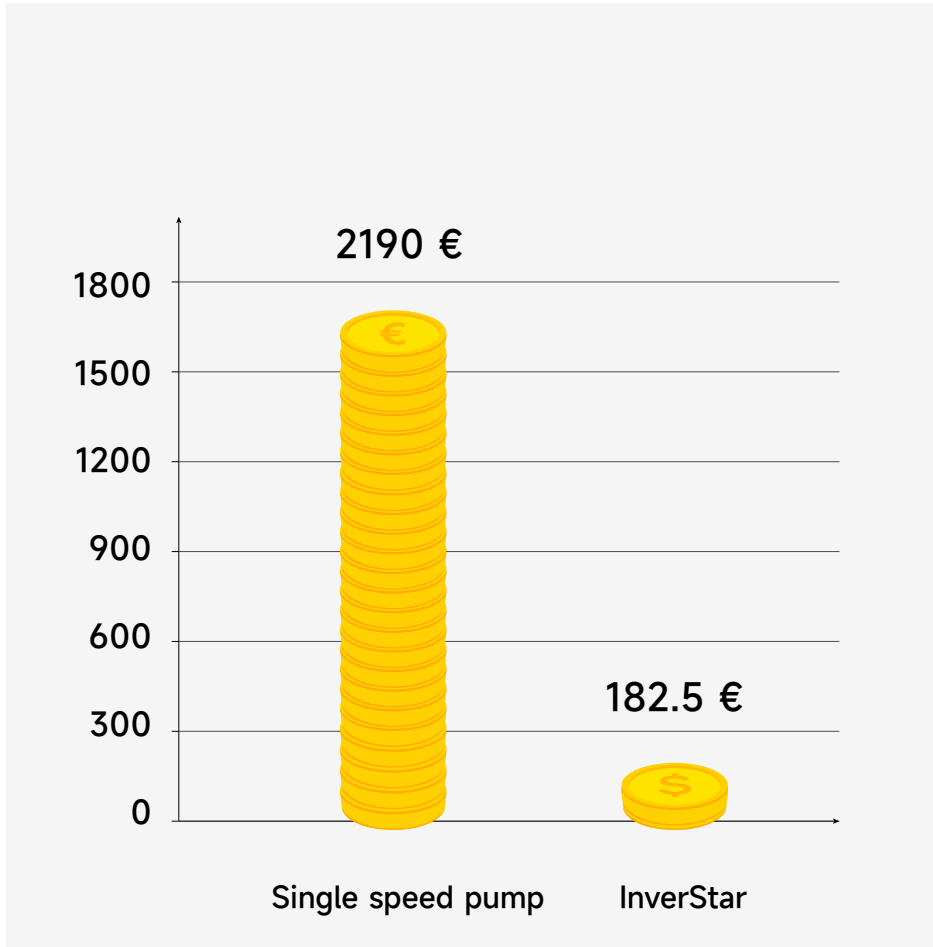
Up to **12** Times Energy Saving

One year save energy: **8030** kWh

⚡ Energy consumption comparison

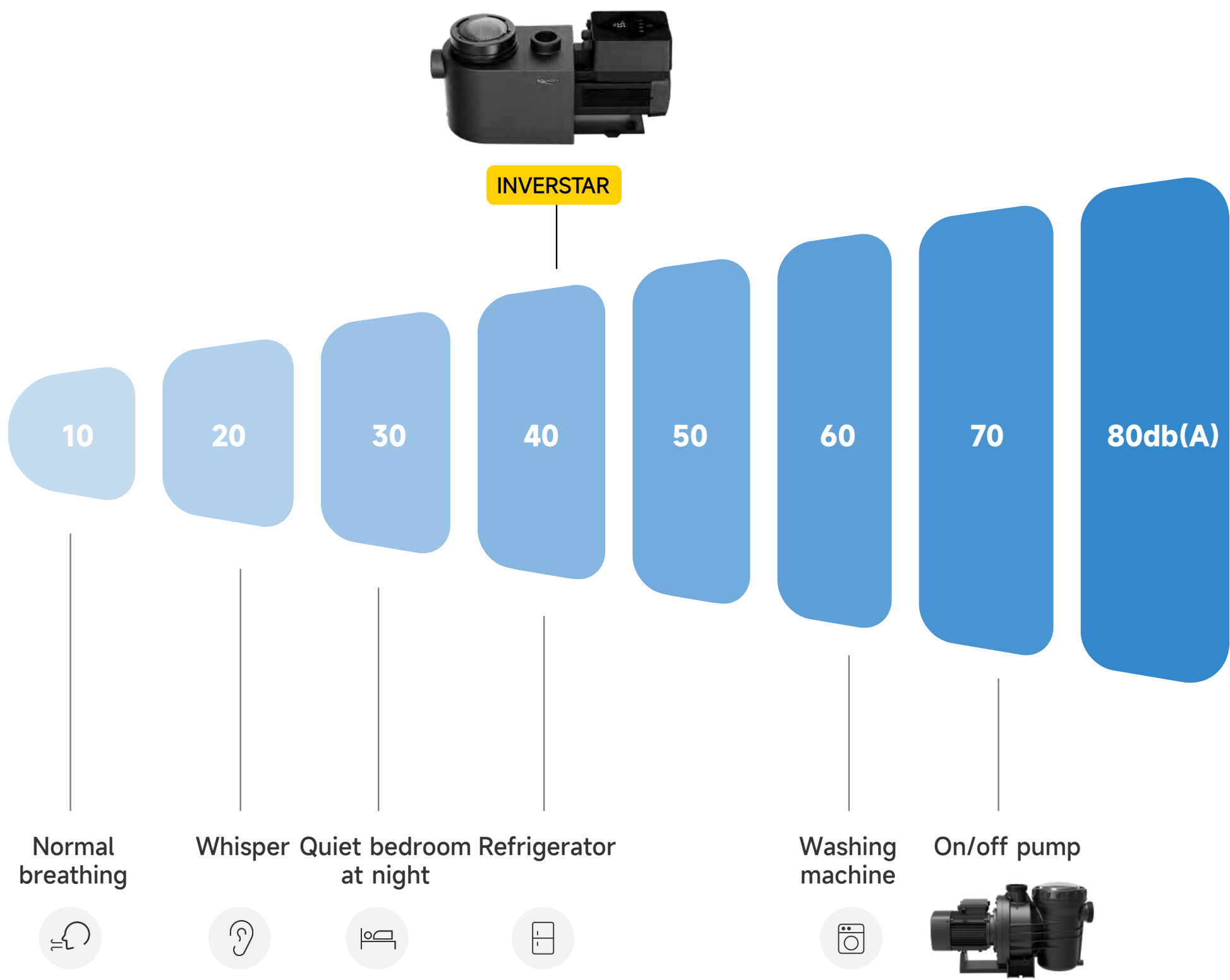


📄€ Electricity bill comparison



Assumption: A 4 season pool size averagely run 16 hours in 365 days. Electricity price is €0.25/kwh.

Noise Down to 36dB



Intuitive Touch Screen Controller



4 Timers for daily operation



Power consumption reading



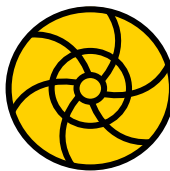
Running capacity from 30%~100%



One-click backwash



Other Features



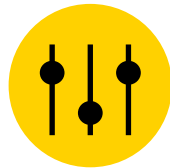
Special Volute hydraulic design

For increased efficiency and to reach extreme silence performance



Superior PMS motor

Delivers maximum energy efficiency and more reliable



External control optional

To control your pump anywhere anytime



WIFI optional

The pump can be controlled at anytime, anywhere

Technical Parameter

| Model | Advised pool volume (m³) | P1 (kW) | Voltage (V/Hz) | Qmax (m³/h) | Hmax (m) | Circulation Flow (m³/h) (Max) | |
|-------|--------------------------|---------|----------------|-------------|----------|-------------------------------|------|
| | | | | | | 8m | 10m |
| IA18 | 30~50 | 0.77 | 220~240/ 50/60 | 23.0 | 17.0 | 16.5 | 13.5 |
| IA23 | 40~70 | 1.10 | | 26.0 | 19.0 | 22.5 | 19.0 |

Overall Dimension

| Model | Packing Dimension (mm) |
|-------------|------------------------|
| IA18 / IA23 | 648*270*340 |

Performance Curve

