

INVERTER FOR SAVING

InverSmart



AQUAGEM TECHNOLOGY LIMITED

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Thanks to InverSilence 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 InverSilence technology.



PAYBACK IN ONE YEAR

InverSmart saves **698€**



10 Times Energy Saving

Single speed pump
1.1kw:

3168 kwh

VS



InverSmart 1.1kw:

316.8 kwh



1st Year Bill Cost Comparison

Single speed pump
1.1kw:

1508.8€

VS



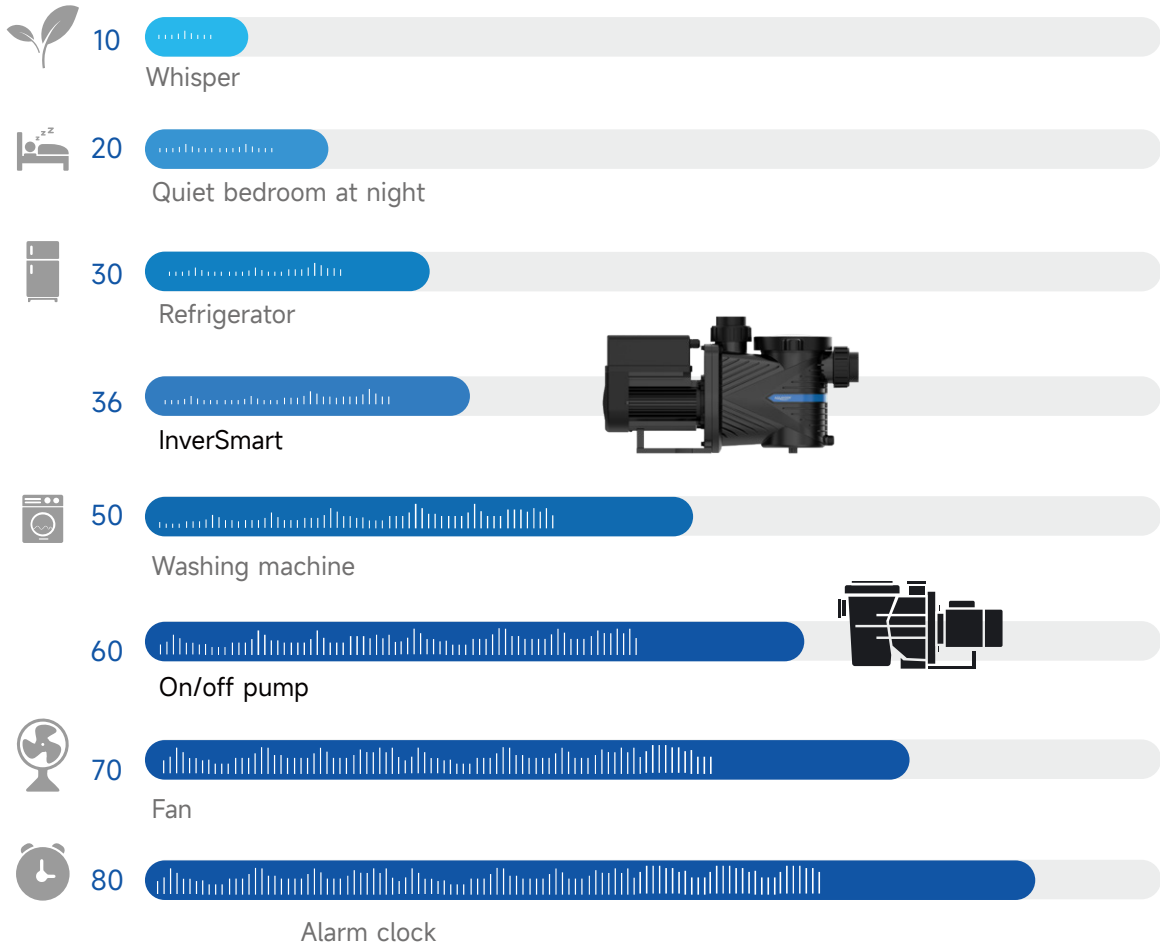
InverSmart 1.1kw:

810.8€

Assumptions:

- Single speed pump: Cost 400€/pc , InverSmart: Cost 700€/pc
- A 4 season pool size in 60m³, averagely run 16 hours in 180 days. Electricity price is €0.35/kWh.

NOISE DOWN TO 36dB



SMART & SIMPLE INTERFACE



4 Timers for daily operation



Running capacity from 30%~100%



Power consumption reading



One-click backwash





OTHER FEATURES



Efficiency class of motor: IE4

For increased efficiency and to reach extreme silence performance



Soft Start

Start from 0 amp to rated amps steadily



External control optional: Digital input, RS485, Relay output

To control your pump with more choice



Ambient temperature: -10 - 42°C

Water temperature: 5°C - 50°C



Protection Class:

Class F, IP55

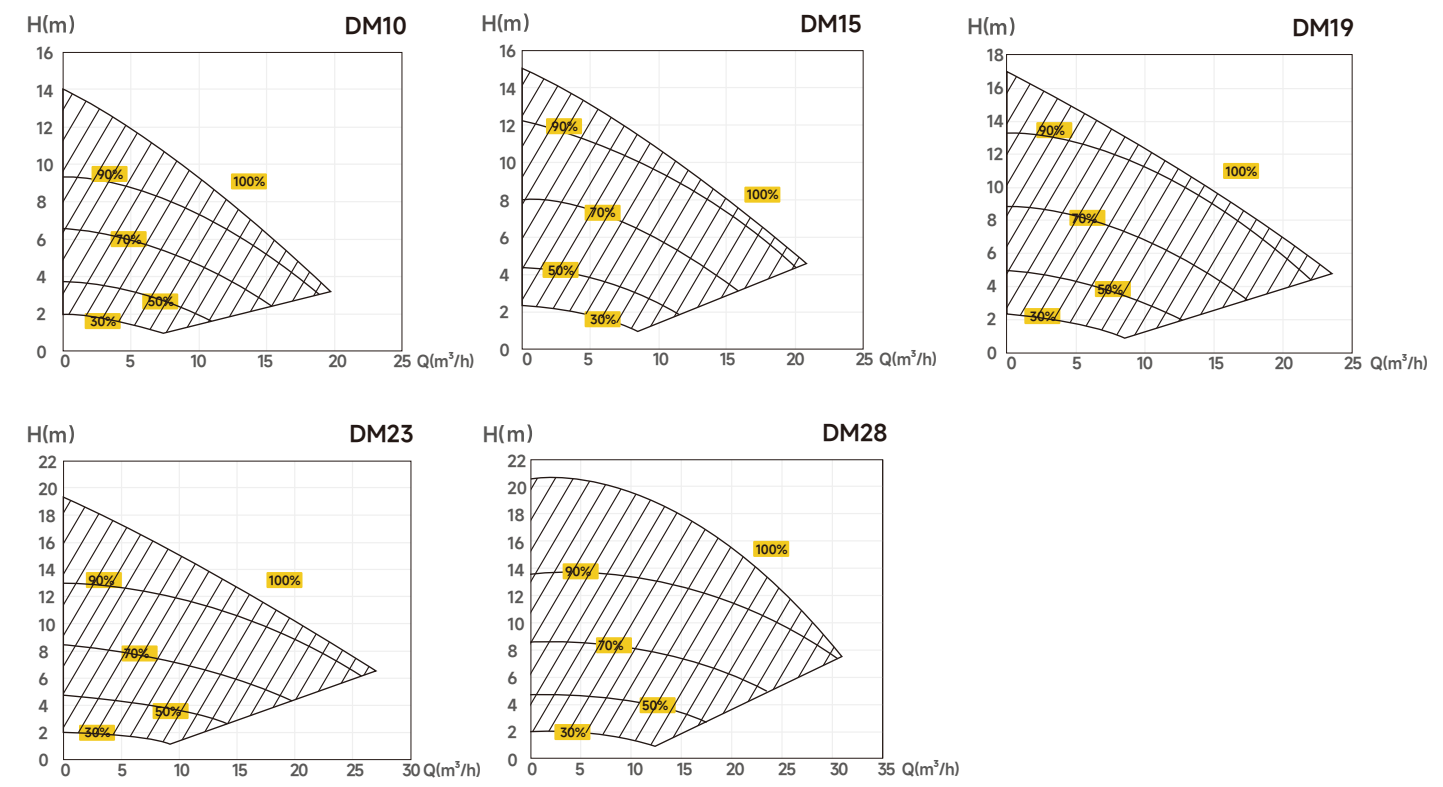


Suitable for sea water pool

TECHNICAL PARAMETER

Model	Advised pool volume (m³)	P1 (kW)	Voltage (V/Hz)	Current (A)	Qmax (m³/h)	Hmax (m)	Circulation Flow (m³/h)	
						10m	8m	
DM10	20-30	0.50	220~240 50/60	2.3	20.0	14.0	9.0	11.5
DM15	20-40	0.66		2.9	21.0	15.0	11.0	15.0
DM19	30-50	0.80		3.6	23.5	17.0	14.5	19.0
DM23	40-70	1.10		5.0	27.0	19.0	20.0	25.0
DM28	60-90	1.50		6.5	31.0	20.5	28.0	30.0

PERFORMANCE CURVE



OVERALL DIMENSION

Model	Packing Dimension (mm)
DM10 / DM15 / DM19 / DM23 / DM28 / DM36	585*255*325

