

iGarden



**UP TO 15 TIMES
ENERGY-SAVING**

InverK

InverSilence Technology

Thanks to InverSilence technology, the motor speed can be controlled precisely. And with high-efficiency DC brush-less motor, the pump is very energy-saving and quiet. In daily use, to reach the best filtration effect, it is recommended to let the pump run at a small flow, which is extremely quiet and energy-efficient.



Full inverter controller

The inverter drive can precisely control the pump speed. It allows the running capacity to be adjusted between 30~120%.



DC brush-less motor

DC brushless motor ensures the pump much less noise, higher efficiency and more durability.

Up to 15 Times Saving

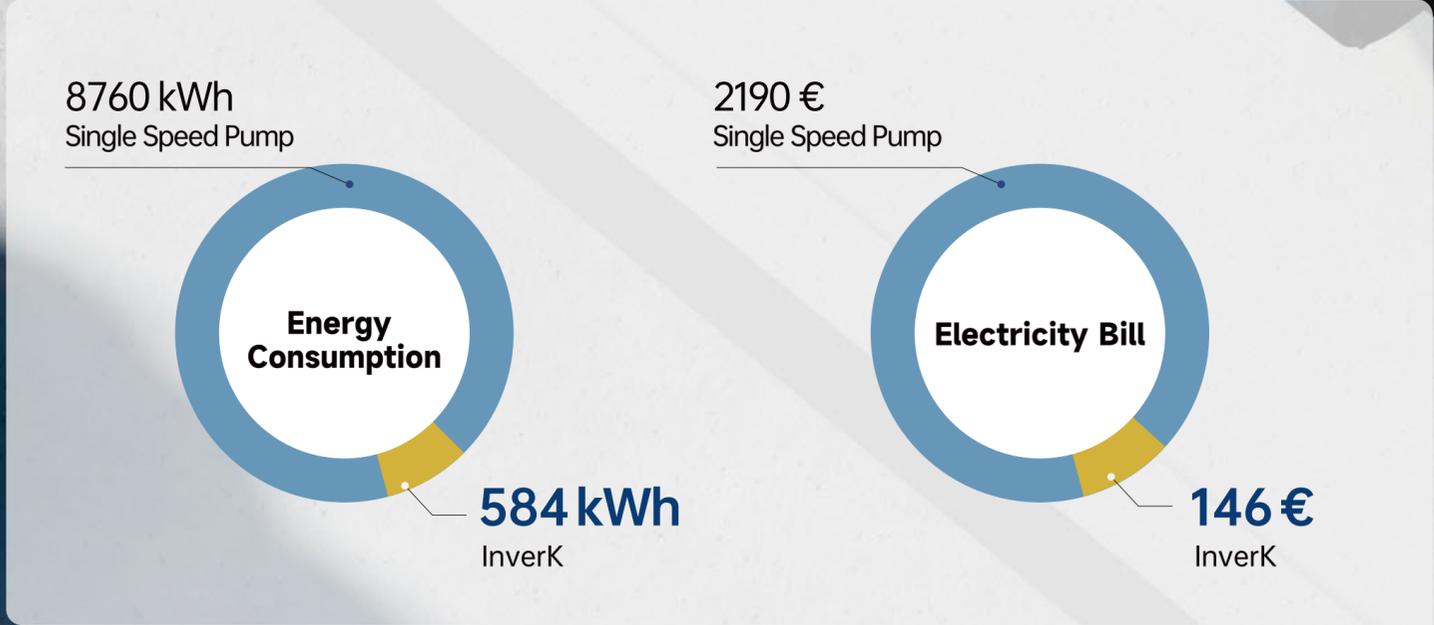
Compared to traditional single speed pump, each year you could save 8,176 kWh, 2,044 €



1.5kW
Q@8m:25m³/h
Single Speed Pump



1.2kW
Q@8m:26m³/h
InverK



Assumption: A 4-season pool averagely runs for 16 hours in 365 d
Electricity price is €0.25/kWh.

Down to 33dB(A)

Apart from the Inverter Technology, the IE4 DC brush-less motor makes the noise down to 33dB(A)@1m, which is 30 times more silent compared to single speed pump.



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On/off pump



30db(A)

40db(A)

50db(A)

60db(A)

70db(A)



Quiet bedroom at night



Refrigerator



Moderate Rainfall



Washing machine

Intuitive Touch Controller



AI/MI Mode

Auto Inverter Mode:

After setting the flow rate, the pump can adjust the running capacity automatically to reach the set flow.

Manual Inverter Mode:

Running capacity can be set from 30% ~ 120% manually



Power consumption reading



One-click backwash



Wifi control optional



Other Features



External control optional :

RS485 modbus, Digital input, Relay output



Soft Start

Start from 0 amp to rated amps steadily



Efficiency class of motor: IE4



IP rating: IP55



Technical Parameter

Model	Advised pool volume (m ³)	P1 (kW)	Voltage	Qmax (m ³ /h)	Hmax (m)	Circulation Flow (m ³ /h) 10m	(Max) 8m
DCP12	40-70	1.2	220-240/50/60	29	21	23	27
DCP18	70-100	1.8		41	23	34	37

Overall Dimension

Packing Dimension (mm)
648*270*340

Performance Curve

