

DC 直驅變頻

# 高效節能增氣機 **水車式**

Hi Efficiency Direct Drive Inverter Paddle Wheel Aerator

省電40-45%  
Energy Saving  
40-45%

離岸控制  
Off-Shore  
Control

過載保護  
Overload  
Protection

無極調速  
Variable Step-  
less Speed  
Adjustment

DC變頻直驅  
DC Inverter  
Direct-Drive

欠相/防雷擊  
Lack-Phase  
& Lightning  
Protection

拉線達300米  
Off-Shore  
300M Long

耐腐蝕專利底座  
Anti Corrosion  
Patented Base





# 瑞展中鋼共同開發 成大認證 台灣製造

專利證書：M599502 電控技術專利 (PFC) D207522 馬達底座專利

## DC變頻直驅

### DC Inverter Direct-Drive

直驅變頻，無須搭載減速機，且可無極調速，溶氧量由使用者決定。DC Inverter & Direct Drive makes Gear Reducer no need and hence makes maintenance free.

## 省電40-45%

### Energy Saving 40-45%

高精密高效率馬達為核心，讓用戶省電省荷包，若全年無休使用，估計一年左右回本。  
With Hi precision & Hi efficiency motor as the core of the Aerator makes the energy saving up to 40-45%. In case of whole year of nonstop use, the motor could possibly be rewarded in around 1 year.

## 離岸控制

### Off-Shore Control

離岸控制讓電控盒可以設在安全的室內，避免曝露在日曬雨淋的惡劣環境導致電控器受損外，同時可遠端操控。

Off-Shore Control makes the Controller be able to remote control the Aerator and keep the unit in-house to be away from the tough environment and hence lengthening its life as well as & reliability.

## 拉線達100米(200-300米個案處理)

### Off-Shore 100M Long(200-300M as option)

離岸拉線距離以100米以內效果最佳(200-300米效果較差，須個案處理)。Off-Shore distance within 100M long will make the Aerator to maximum performance. To extend to 300M long is possible but to be optioned.

## 無極調速

### Variable Stepless Speed Adjustment

無極調速設計使溶氧量可調，範圍為60-105rpm內，用戶可藉此調出最佳溶氧組合，確保水產養殖量產生最大效益。

VSSA makes oxygen-making flexible within range of 105-60rpm, thus enables the Aerator to create best oxygen combination which guarantee the max yield of fish crops.

## 欠相及防雷擊保護

### Lack-Phase & Lightning Protection

欠相保護設計，確保馬達在欠相時仍能正常運轉，不會故障或燒毀，並繼續增氧。

防雷擊設計使馬達不怕雷電攻擊。Lack-Phase Protection makes the motor continuously run at the set speed even lacking phase happened and hence guarantee the crops not lacking oxygen. And Lightning Protection makes the controller not afraid thunder attack.

## 過載保護

### Overload Protection

過載保護設計，確保馬達不慎碰到障礙物，導致卡住時也不會燒毀。Overload Protection guarantees the motor stayed safe which preventing unexpectedly blockage from happening.

## 耐腐蝕及專利底座

### Anti Corrosion & Patented Motor Base

馬達經過高級塗裝處理，並且有防漏、防進水設計，所以具有一流防腐蝕裝置。另外，專利馬達底座設計，換瑞展馬達不必換車架。The motor is to be ship-grade coated in addition to leakage free finishing and thus anti corrosion is guaranteed. Besides, Patented Base guarantees compatibility when exchange with other's motor.



消耗功率	每日用電	減速齒輪箱
500-600W	13-16度	不需搭配
馬達轉速	維修更換	
轉速可調整(60-105rpm)	可單獨更換馬達或驅動器	
輸入電壓	水車架	
單相三相可共用220VAC	可共用傳統水車架	

