Emaux

SUPERIOR ENERGY EFFICIENCY IE5

E-POWER TITAN

Variable Speed Pump

FOR LARGE RESIDENTIAL POOLS AND WATER FEATURES



MAXIMUM EFFICIENCY & MINIMUM CONSUMPTION

The new-generation Emaux E-Power TITAN Variable-Speed Pump marks the dawn of a new era in highly efficient, energy-saving water supply. It seamlessly integrates a robust powertrain with an intelligent control brain, featuring an industry-leading IE5 ultra-high-efficiency permanent magnet motor and an optimized fluid path that ensures high throughput, ultra-quiet operation, an efficiency of up to 94.95%, and overall energy consumption reduction of over 30%. Engineered with comprehensive smart protection features and an IP55-rated housing resistant to dust, moisture, and salt spray, it delivers uncompromised, stable performance across all demanding environments.

E-POWER TITAN

Variable Speed Pump



CE RoHS COMPLIANT 2002/95/EC

IE5

WaterProof IPX5

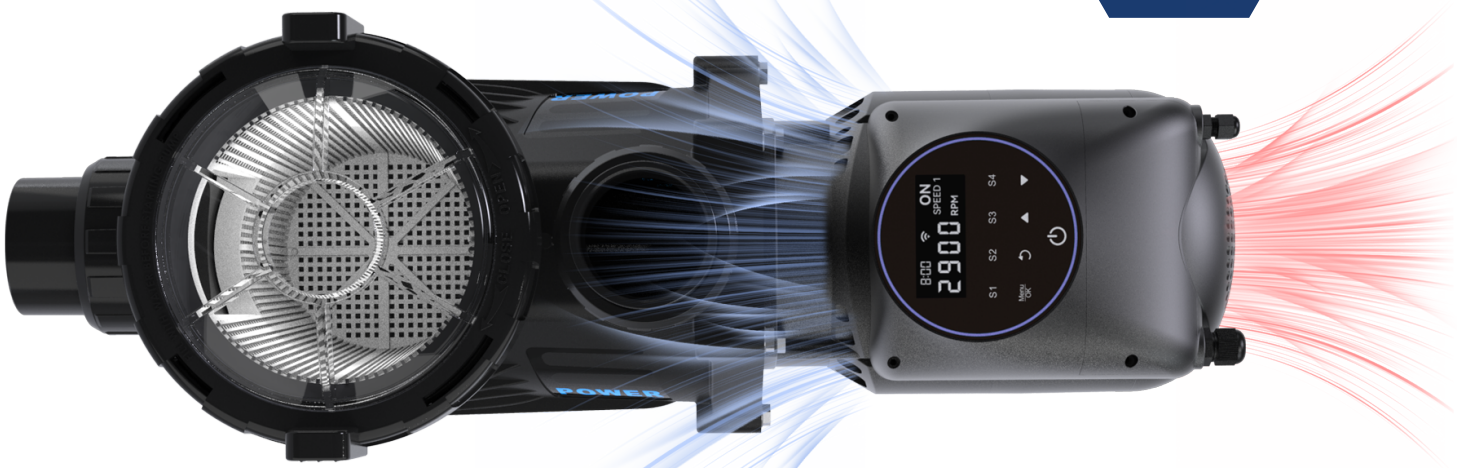
<95% MOTOR EFFICIENCY

ONE TOUCH CONTROLLER

A B C D E F

Quietest & Coolest 3.0THP Inverter Motor

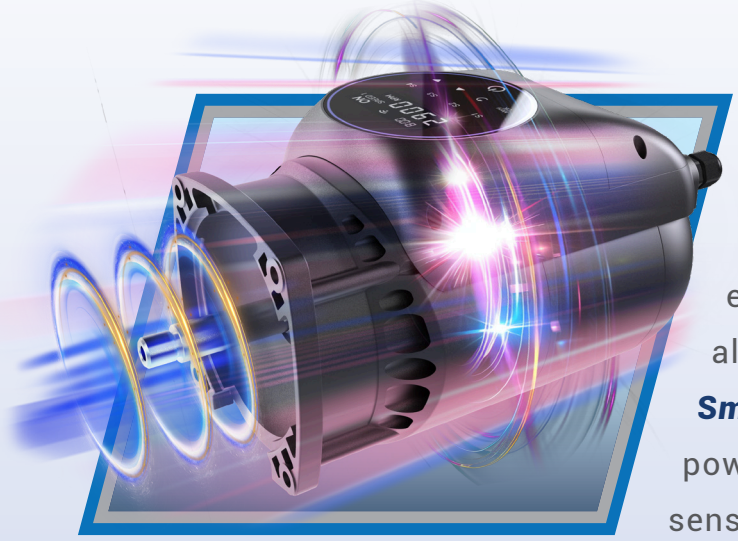
46 dB





Precise alignment with plumbing position, designed to fit the EPV/EPH bodies.

Special Design for PMM Motor



VFD Energy Optimization: Proportional to the cube of speed, delivering 10%–20% energy savings through on-demand flow control.

IE5 PM Motor: Industry-leading efficiency with zero excitation losses and >90% system efficiency across all speed ranges.

Smart Sleep & Wake up mode: Automates controller power-down to extend component life, featuring IR sensor-based touchless activation.

PHYSICAL STRUCTRE

Transparent Lid
Allows quick inspection, saving time and effort.

Ring Lock
Design for easy Maintenance.



Union Connections
2" / 63mm, 2.5" / 75mm

Retro-Fit Replacement
Precise alignment with plumbing positions, designed to fit ***Emaux EPV & EPH series pumps.***

Pump Body
Glass Filled Acrylonitrile Butadiene Styrene

Basket
The Special 5L basket design prevents residual air

Transparent Protective Shell

- **Environmental Resilience:** Protects against moisture ingress, UV radiation, and dust to prevent premature electronic failure.
- **Physical Impact Mitigation:** Acts as a sacrificial layer against scratches and accidental impacts, extending hardware longevity.
- **Maintained Operational Visibility:** Prevents grime and condensation buildup, ensuring settings remain clearly legible for reliable operation.



Large LCD Touch Screen

High-resolution, intuitive LED interfaces offer effortless navigation and real-time monitoring, ensuring precise control, enhanced operational efficiency, and a premium, user-friendly experience for advanced pool management.

Motor

- Permanent Mangnet Motor (PMM)
- Totally Enclosed Fan Cooled (TEFC)
- Aluminium Motor Casting
- 800 RPM - 3400 RPM
- Voltage: 115V / 230V

Air Ventilation & Coating

Negative Pressure Intake: Optimizes airflow path to facilitate rapid air circulation, significantly enhancing cooling efficiency.

Peripheral Ventilation Layout: Distributes thermal dissipation points evenly to ensure balanced cooling and extend motor service life.

Advanced Coating Technology: Utilizes a multi-layer finish to improve thermal resistance, corrosion protection, and oxidative durability.

Infrared Sensing + Intuitive Touchscreen

SMART CONTROL PANEL

- **Feature mode:** Rotation speed changes dynamically over time.
- **Infrared sensing:** Supports touchless wake-up in power-saving mode.
- **LED light strip:** Synchronous motor status.
- **User-friendly interface:** Simple and clear indication on the screen.
- **Data switching:** Supports one-click switching between three real-time data types: speed, flow rate, and power consumption.



New Connectivity and External Smart Control

Monitor And Control Your Equipment Anytime With The Emaux App.

Emaux NEW

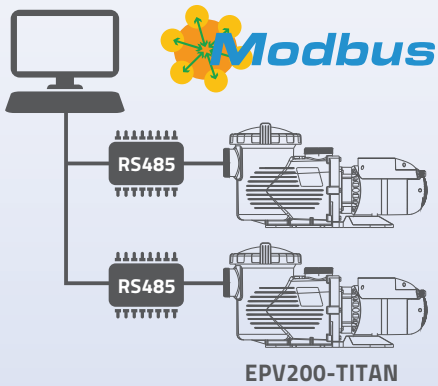
GET IT ON Google Play

Download on the App Store

Remote Connection:

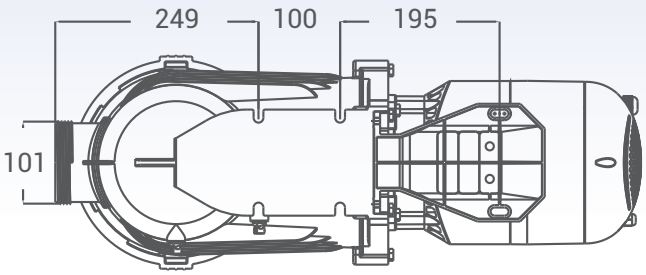
Connect your Wi-Fi-enabled device to monitor status, adjust settings, schedule operation, and receive alerts wherever you are.

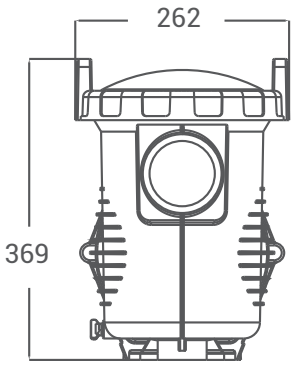
Available functions may vary by product model and configuration.
Also compatible with the Smart Life - Smart Living app.
For the best experience, use one app to add and manage each device.

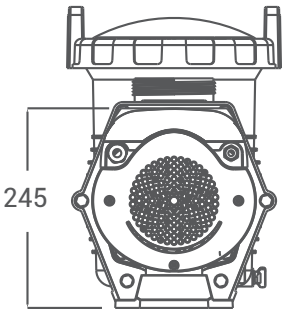


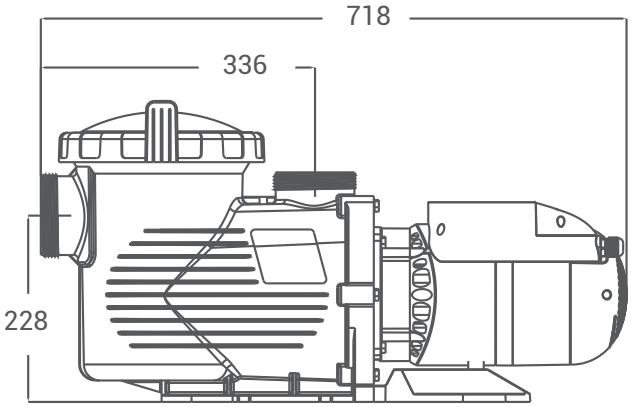
EPV200-TITAN

Product Dimensios

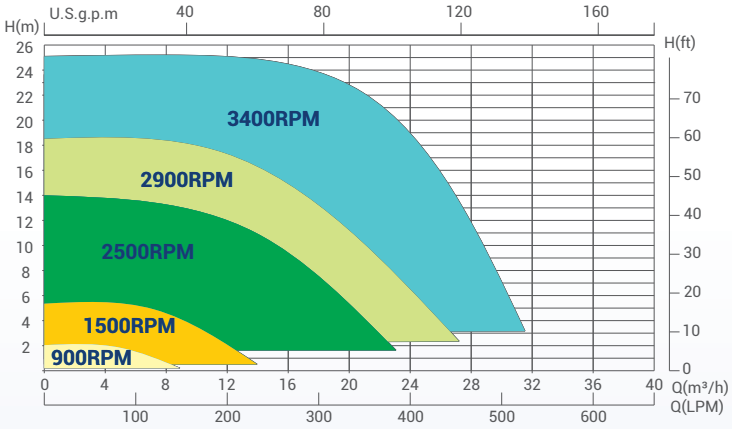


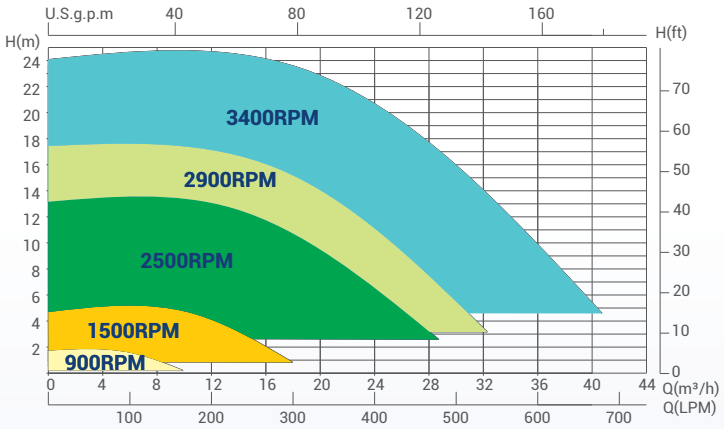






Technical Information





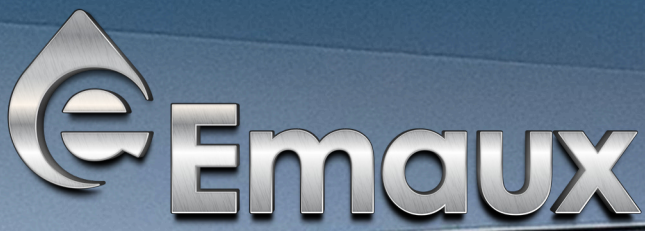
Model: EPV200-TITAN

Speed (RPM)	900 RPM	1500 RPM	2500 RPM	2900 RPM	3400 RPM
Flow (LPM)	148	233	385	454	526
Efficiency (Liter/Watt)	129	69	33	25	14
Flow (GPM)	39	61	102	120	139
Efficiency (Gallon/Watt)	34	18	9	7	5
Power (Watt)	69	209	690	1083	1659

Model: EPV300-TITAN

Speed (RPM)	900 RPM	1500 RPM	2500 RPM	2900 RPM	3400 RPM
Flow (LPM)	180	291	498	577	670
Efficiency (Liter/Watt)	135	77	35	27	20
Flow (GPM)	48	77	131	152	177
Efficiency (Gallon/Watt)	36	20	9	7	5
Power (Watt)	80	228	853	1305	2015

Code	Model	Connection size	Weight	Input Power	Horsepower	RPM
9021614	EPV200-TITAN	2.0" / 63mm, 2.5"/ 75mm	24 Kg	1.8 kW	2 hp	800-3400
9021615	EPV300-TITAN	2.0" / 63mm, 2.5"/ 75mm	25 Kg	2.2 kW	3 hp	800-3400



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YOUR PREMIER SUPPLIER

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