



**PORTABLE FIRE PUMPS**

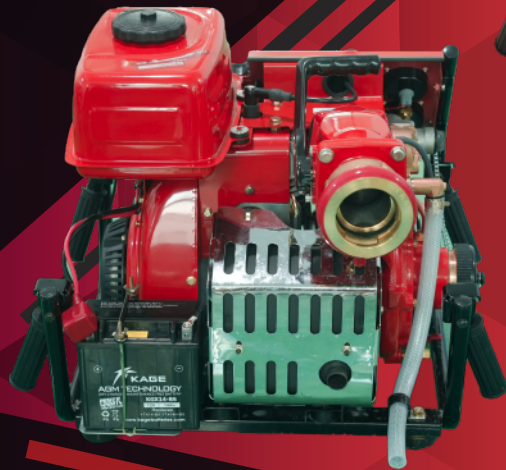


## Features & Advantage

- Small and compact with leading features.
- Advanced engine technology for any tough environment. Newly adopted **Electronic Fuel Injection System** brings many benefits to an operator. Smoother and quicker throttle response, easier starting in cold conditions and highlands area, more accurate adjustment to account for extremes of ambient temperatures and changes in air pressure, more stable idling and no engine stalling, and no carburetor related issues.
- **Special surface treatment to deliver a robust and durable equipment.** The pump unit are applied with special surface treatment. This treatment contributes to extending the purpose of use and prolonging the working life.
- **Small and compact design philosophy.** The dry weight is less than 50kg, and it's the lightest weight in its class(Electronic Fuel Injection Type). 4 space-saving carry handles are on the frame for portability.
- **CE approved.**
- **Application:** Fire Fighting, Irrigation and Agriculture, Automotive Industry, Petrochemical Industry, Industrial Utilities, Machining, Marine, Mining industry, Waste-water Transport ,Flood Control ,Commercial Buildings and Family Homes etc.
- **Place of Origin:** Assemble in China.



# ZES00A



## Specification

Specification		ZE500A
Engine	Type	2 stroke
	Number of Cylinder	1
	Cooling System	Air cooled
	Bore x Stroke	66 x 58 mm (2.6 x 2.28 inch)
	Piston displacement	198 cc (12.0 cu in)
	Output	Max 12kW (15 PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	5.95 Lit (1.57 gal)
	Fuel Consumption	5.4 Lit / Hr (1.42gal)
	Fuel System	Electronic Fuel Injection
Suction	Oil Tank Capacity	0.5 Lit (0.13 gal)
	Starting	Electric and manual
	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
Pump	Priming System	Manual
	Priming Performance	≤8.5s@suction height 7 m
	Pump Type	High pressure turbine pump
	Discharge Performance	At 3m suction height, 520 Lit /min @ 0.6MPa At 3m suction height , 250 Lit/min @ 0.8 MPa
	Suction Thread and Dia.	JIS 2-1/2" (65mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65mm)
	Discharge Number	Single
Weight	Discharge Valve	Ball
	Dry Weight	49 kg (108 lbs)
Dimension	Wet Weight	55 kg (121.25lbs)
	Length x Width x Height(Overall)	575 x 475 x 537 mm
Battery	Type	12V, 14Ah/10h

NOTE JIS: Japanese Industrial Standard Thread

# LERROY



ZE1000A

## Features & Advantage

- **Simplify and maximize the ability for quick response.**
- **Light weight and compact.** Engine and pump castings are made of anti-corrosive aluminum-alloy to reduce weight and prolong working life. Compact unit in its class fits existing locker space, also can be carried by 2 firemen.
- **High pump performance.** Both engine and pump are designed and developed specifically for fire pumps by LEROY ensuring higher pump performance for its class.
- **Quick priming** is provided by operating Rotary Vane Vacuum Pump. Prime 3meters in 6 seconds.
- **Engine overheat protection sensor.** Overheat protection is provided to safeguard the engine from cooling water loss, and to protect engine when water is not discharging. This device stops the engine automatically when engine temperature reaches
- **CE approved.**
- **Application:** Fire Fighting, Irrigation and Agriculture, Automotive Industry, Petrochemical Industry, Industrial Utilities, Machining, Marine, Mining industry, Waste-water Transport ,Flood Control ,Commercial Buildings and Family Homes etc.
- **Place of Origin:** Assemble in China.



## Specification

Specification		ZE1000A
Engine	Type	Quick priming
	Number of Cylinder	2 Cylinder
	Cooling System	Suction Water Cooled
	Bore x Stroke	76 x 68 mm (2.99 x 2.68 inch)
	Piston displacement	617 cc (37.6 cu in)
	Output	Max 34kW (46 PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	18 Lit (4.76 gal)
	Fuel Consumption	9 Lit / Hr (2.38 gal / Hr)
	Fuel System	Single Carburetor with Auto Choke
	Oil Tank Capacity	1.6 Lit (0.42 gal)
	Starting	Electric and manual
Suction	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
	Priming System	Manual
	Priming Performance	≤7.5s@ suction height 7m
Pump	Pump Type	Single Suction, Single Stage centrifugal pump
	Discharge Performance	At 3m suction height, 1550Lit /min @ 0.6MPa At 3m suction height , 1300Lit/min @0.8 MPa At 3m suction height , 950Lit/min @1.0MPa
	Suction Thread and Dia.	JIS 3" (80mm)
	Discharge Thread and Dia.	JIS 2-1/2" (65mm)
	Discharge Number	Single
	Discharge Valve	Ball
Weight	Dry Weight	85 kg (187.39 lbs)
	Wet Weight	102 kg (224.87 lbs)
Dimension	Length x Width x Height(Overall)	700 x 620 x 730(mm)
Battery	Type	12V,18Ah/5h

NOTE JIS: Japanese Industrial Standard Thread



# LEROY

SHENZHEN LEROY FIRE FIGHTING EQUIPMENT SUPPLIES CO., LTD.



## Features & Advantage

- **Best balance of performance and weight.** Minimize weight and size without sacrificing performance, achieving the best balance between performance and weight in pumps of the same grade. The lightest & the most compact model in its class.
- **High volume water flow.** At 3m suction height, 2050 Lit /min @ 0.6MPa
- **Delivers water up to 1,000 m away for ZE1500A**
- **The best suction performance in its class (9m / 30ft).**
- **Outstanding quickness of priming speed with rotary vane vacuum pump.** Priming speed is within 8.5s at suction height 7m.
- **Smooth engine start with Electronic Fuel Injection System.** Electronic Fuel Injection System brings many benefits to an operator. Smoother and quicker throttle response, easier starting in cold conditions and highlands area, more accurate adjustment to account for extremes of ambient temperatures and changes in air pressure, more stable idling and no engine stalling, and no carburetor related issues.
- **90 degree swinging twin outlets.**
- **CE approved.**
- **Application:** Fire Fighting, Irrigation and Agriculture, Automotive Industry, Petrochemical Industry, Industrial Utilities, Machining, Marine, Mining industry, Wastewater Transport ,Flood Control ,Commercial Buildings and Family Homes etc.
- **Place of Origin:** Assemble in China.



# ZE1500A



## Specification

Specification	ZE1500A	
<b>Engine</b>	Type	2-stroke
	Number of Cylinder	2 Cylinder
	Cooling System	Suction Water Cooled
	Bore x Stroke	81 x 78 mm (3.19 x 3.07 inch)
	Piston displacement	804cc (49.0 cu in)
	Output	Max 44kW (60PS)
	Fuel Type	Unleaded Gasoline (Min. 87 Octane)
	Fuel Tank Capacity	24 Lit (6.34 gal)
	Fuel Consumption	22 Lit / Hr (5.81 gal / Hr)
	Fuel System	Electronic Fuel Injection
<b>Suction</b>	Oil Tank Capacity	1.6 Lit (0.42 gal)
	Starting	Electric and Manual
	Suction System	4 Blade Rotary-vane vacuum pump (Oilless-type)
<b>Pump</b>	Priming System	Manual
	Priming Performance	≤8.5s@suction height 7m
	Pump Type	Single Suction, Single Stage centrifugal pump
	Discharge Performance	At 3m suction height, 2050Lit /min @ 0.6MPa
		At 3m suction height , 1800Lit/min @0.8 MPa At 3m suction height , 1500Lit/min @1.0MPa
	Suction Thread and Dia.	JIS 3-1/2" (90mm)
	Discharge Thread and	JIS 2-1/2" (65mm)
<b>Weight</b>	Discharge Number	Twin
	Discharge Valve	Ball
<b>Dimension</b>	Dry Weight	105kg(231lbs)(Without Battery)
	Wet Weight	125kg(275.58lbs)
<b>Battery</b>	Length x Width x Height(Overall)	748 x 763 x 827 mm
	Type	12V,18Ah/5h

NOTE JIS: Japanese Industrial Standard Thread

# LEROY