



KEYPOWER Pump sets:

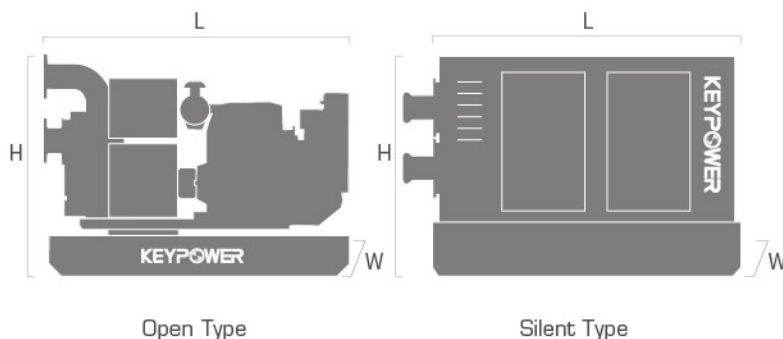
KEYPOWER Pump sets are CE certified self-priming dewater pump. It's designed for use in the industry's most challenging construction, municipal, irrigation, industrial and emergency response applications. This rugged pump is ideally suited for tough dewatering jobs, and is the reliable choice for rental solutions.

**8" SELF-PRIMING PUMP SET
MAIN TECHNICAL DATA**

	Pump set model	KPPW8	
	Prime type	Wet	
	Max. Flow	m ³ /h	740
	Max. Head	m	53
	Max. Suction	m	7
	Solid handling	mm	76
	Engine type	Water cooled	
	Engine fuel	Diesel	
	Speed	rpm	1800
	Noise level	dB(A)@7m	75-80
	Fuel tank	L	300



Dimension and Weight



DIMENSION		OPEN TYPE	SILENT TYPE
	Length (L)	mm 2800	3300
	Width (W)	mm 960	1100
	Height (H)	mm 1675	1800
	Weight	kg 1600	2000

KEYPOWER has the right to modify any feature without prior notice. Weights and dimensions based on standard products. Illustrations may include optional equipment. Technical data described in this catalogue correspond to the available information at the moment of printing. The illustrations and images are indicative and may not coincide in their entirety with the product. Industrial design under patent.



Engine Specifications

ENGINE	Cummins®
Engine model	6BTAA5.9-P180
Number of cylinders	6
Cylinder arrangement	Vertical in-line
Cycle	4 stroke
Aspiration	Turbocharged Air-air aftercool
Bore x Stroke	102x120 mm
Displacement	5.9 L
Compression ratio	17.3:1
Prime power/Speed	132/1800 (kW/RPM)
Cooling system (open type)	40°C radiator
Cooling system (silent type)	50°C radiator

ENGINE	Cummins®
Speed governor	Electronic
Total lubrication system capacity	16.4 L
Coolant capacity (without radiator)	10 L
Speed stability (%)	≤10%
Start type	Electronic
Maximum exhaust temperature	540°C
Exhaust gas flow	628 kg / min
Maximum allowed back pressure	TBD
Combustion air flow	135 L / s
Cooling air flow	144 L / min
Fuel consumption	24.8 L/h @ 75% load



Features:

- Diesel engine
- 4-stroke cycle
- Water-cooled
- Dry air filter
- Radiator with pusher fan
- Moving parts protection
- Radiator water level sensor (Optional)
- 55 degree radiator (Optional)
- Jacket coolant heater (Optional)
- Lube oil heater (Optional)
- Engine filter heater (Optional)
- Fuel inlet line heater (Optional)
- Heavy duty air filter (Optional)



Pump Specifications

PUMP HEAD	
Pump model	KP8ZW600-39
Operating speed	1800 RPM
Shaft power	110 kW
Max. suction head	7 m
Pump casing	Ductile iron

PUMP HEAD	
Impeller	Ductile iron
Impeller diameter	375 mm (14.75")
Pump shaft material	Cast iron
Shaft seals type	Mechanical seal
Efficiency	0.6



Options:

- Impeller: stainless steel
- Bearing: low alloy steel 4140
- Bauer coupling
- PVC hose
- Trailer
- Water level switch



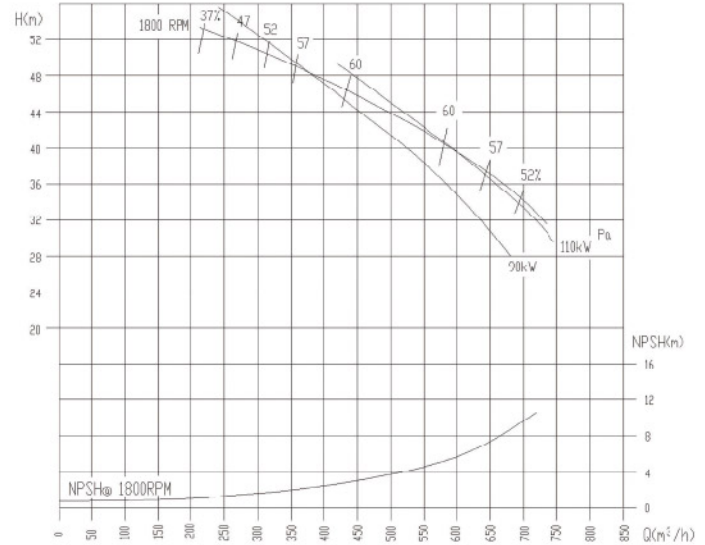
Pump Performance Curve

Tested according to EN 150 9906 Grade 2

- Test liquid: water. density 1000 kg/m³;
- Spherical solids handling: D 76mm
- Impeller diameter: 375 mm



	Q Capacity (m ³ /h)	H Head (m)	n Speed (r/min)	Power (kW)		η Efficiency (%)	NPSH _r (m)
			1800	P _a Shaft Power	N Motor Power		
				MAX 110	MAX 137	MAX 60	



Features:

- Smartgen HEM4100
- Speed
- Water temperature
- Oil pressure
- Charging voltage
- Fuel level
- Hour counter



NO.	KEY
①	Stop / Reset
②	Auto
③	Manual
④	Speed
⑤	Start
⑥	Up / Increase
⑦	Set / Confirm
⑧	Down / Decrease
⑨	Alarm indicator
⑩	Status indicator
⑪	Stop mode indicator
⑫	Auto mode indicator
⑬	Manual mode indicator
⑭	Speed indicator