

**DATASHEET**

# eCP80 Electric Water Pump 24V

Turntide's eCP80 24V is an electrically powered centrifugal pump, configured for use with a 24V DC power supply using CAN bus or PWM communication. Supplied with cast aluminium housings, the pump is suitable for a wide range of on and off-road applications.



## Features

- Pump family tested against ISO16750 Environmental test standards
- Integrated motor controller provides variable speed control
- CAN or PWM\* communication
- Electrical connector / coolant outlet orientation options available
- Fault reporting
- Integrated power electronics
- Compliant to ECE R10
- Delay shutdown function

\*For limited functionality

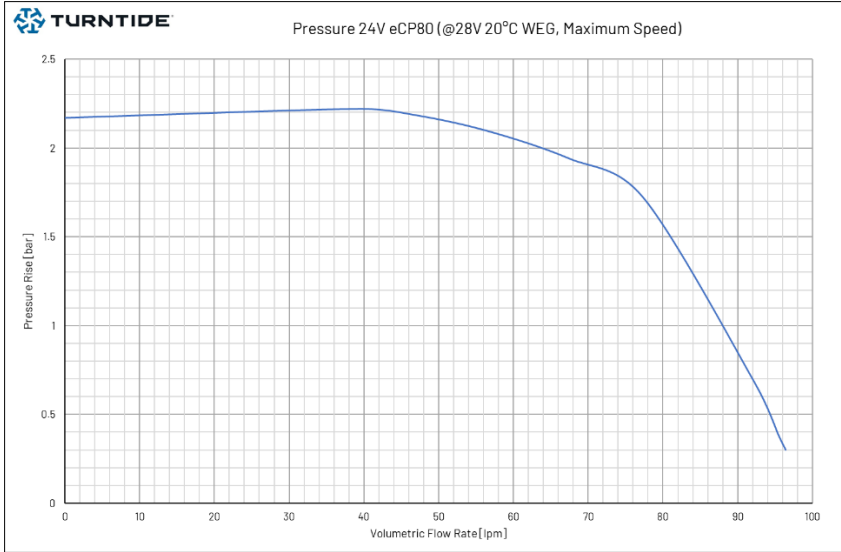
## Specifications

Characteristics			
<b>Pump Type</b>	Sealless Centrifugal Impeller	<b>Best Efficiency Point (BEP)</b>	77.4LPM @ 1.8bar static pressure rise
<b>Min Operating Temp</b>	-30°C**	<b>Max Operating Temp</b>	+75°C**
<b>Min Storage Temp</b>	-40°C**	<b>Max Storage Temp</b>	+85°C**
<b>Fluid Inlet and Outlet Connection</b>	1" Hose Barb	<b>Housing Material</b>	Cast Aluminium LM6
<b>IP Rating</b>	IP6k9k	<i>** Product family tested to ISO16750-4 for operating and storage temps</i>	
Interface			
<b>Control</b>	SAE J1939 or CAN J1939	<b>Connector</b>	AMP MCP LEVYSEAL sealed connector 1534238-1

Details are correct at time of publishing

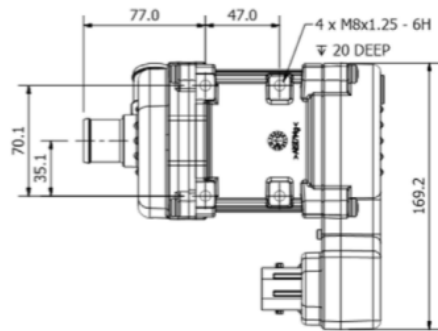
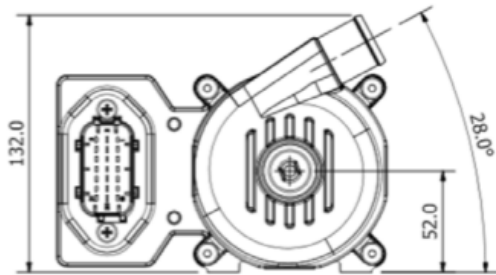
**Electrical**

<b>Rated Voltage</b>	18-32V	<b>Max Current</b>	19A
<b>Input DC Power</b>	500W		



**Weight and Dimensions**

<b>Weight</b>	3.02kg
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For further information please contact our team of experts at [electrificationsales@turntide.com](mailto:electrificationsales@turntide.com)

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Turntide Technologies | 1295 Forgewood Avenue, Sunnyvale, CA 94089

[turntide.com](http://turntide.com) | [electrificationsales@turntide.com](mailto:electrificationsales@turntide.com)