

Please complete as many fields as possible to the best of your knowledge and return to AdvRequirementForms@emp-corp.com.

See the attached README.pdf for explanation of component control options.

Information Completed By:

Today's Date:

Primary EMP or Distributor Contact:

Property, Company, or Fleet name:

Location:

City, Province/State

Country

Administrative Contact:

Phone:

E-mail:

Technical Contact:

Phone:

E-mail:

What is the intended application? Please describe in detail. Please include project name to be used as a reference for communication with EMP. Please note, EMP products have not been approved for aviation use.

Please describe the mounting location (Rooftop, engine compartment, etc) and expected environment (dirt, dust, water, road debris, etc.). Please give details.

What will be the minimum operating condition/ambient air temperature? °C °F

What will be the maximum operating condition/ambient air temperature? °C °F

What is the system operating voltage range? 12/14V DC 24/28V DC HV/Other (specify):

What is the maximum current (amps) that will be available to the pump?

What type of fluid is being pumped? Specify conventional (IAT), OAT, HOAT, etc.

What brand of fluid is being pumped?

What is the required flow? US GPM (Gallons/Minute) LPM (Liters/Minute) Other (specify)

What is the pressure drop the pump must overcome at required flow rate?

PSI kPa Other (specify above)

What is the system pressure (typically controlled by the surge tank pressure cap)?

PSI kPa Other (specify above)

What is the minimum fluid operating temperature? °C °F

What is the maximum fluid operating temperature? °C °F

Are there any certification requirements? E-Mark, CSA, UL; additional costs may apply for specific certifications.

What is the expected annual purchase volume for this product?

Please list all important project milestone dates, including date sample pumps are required.

1st Sample:

PPAP:

SOP:

Other:

Control Refer to the attached README.pdf for additional information

On/off control Pump runs at single configured speed

CAN control/status

Use EMP Defined Messages

Use SAE J1939 Electrified Accessory Motor PGNs 32000/64513/62320

Requires access to [SAE J1939 Digital Annex](#)

EMP components use addresses in the range reserved by SAE for manufacturer use. Each component uses a range of addresses selected to avoid conflicts with other EMP components.

To request custom addressing or use of a different SAE J1939 PGN set, provide requirements below:

Additional Comments

Please return this completed form to AdvRequirementForms@emp-corp.com