

# Alpha-6

**Automatic control unit for motor pump control & protection,  
motor fans, motor clutch sets & auxiliary motors.**

**Start and control with mobile phone or PC (optional)**

Soft Touch Keyboard

Display TFT

Navigation Jog

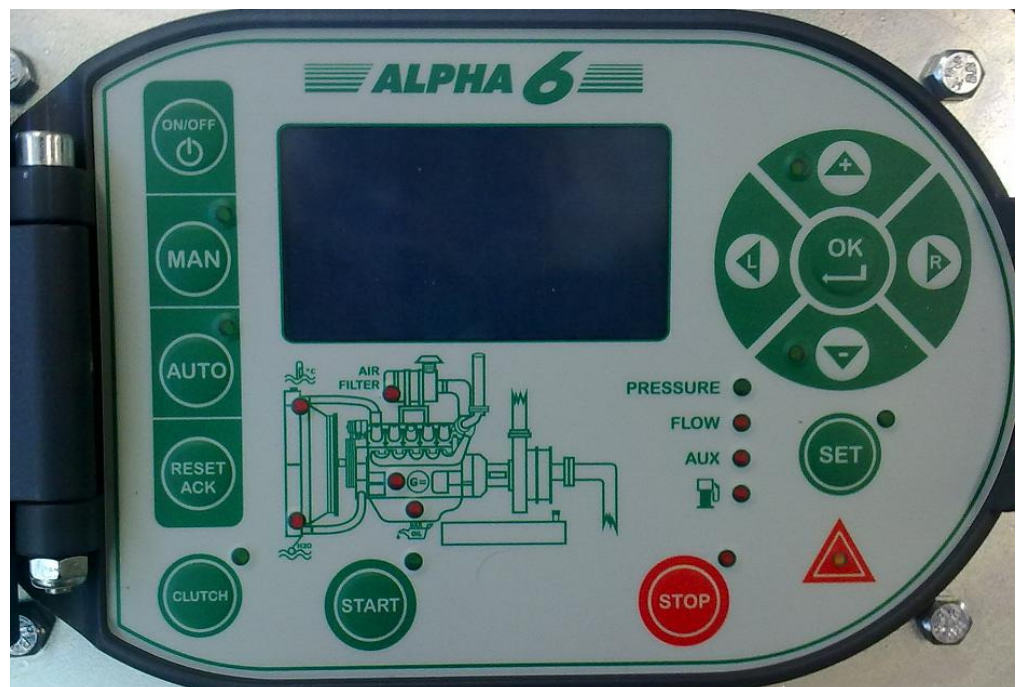
Easy and friendly

Fast and comfy controls

Robust construction,  
suitable for heavy use,  
resistant to weather  
and water jets.

Warning lights for:

Engine alarms  
pump alarms  
Control Functions  
Remote Controls  
GSM-GPRS Signal  
Command Functions



**Operation principles patented since 2005**

## Main features:

1. It can be installed on any Diesel or Petrol Engine, Bio-Diesel and Bio-Gas
2. Electronic protection on all outputs, suitable for both 12V and 24 V motors
3. Automatic start and stop with constant management of pressure, flow rate & rpm
4. It Manages of up to two electronic actuators for acceleration & deceleration and Clutch Hook & Release
5. Automatic acceleration and deceleration as a function of the required workload
6. Additional checks using external flow switches, pressure switches, floats & Aux
7. Built-in frost protection independent function with sensor external 4-20mA
8. It can be controlled via cable, Remote Control, External programmer, or with a total remoting functions of On, Off and PID signals with 0-10V and 4 to 20 mA
9. Management via GSM-GPRS Modem via SMS by interfacing to other machines via SMS (optional)
10. Remote control of all parameters via PC and manage one or more machines with a single computer, PDA or smart phone.

## Technical Data :

Type switching power supplies	from 10 to 32 Vdc
Automatic excitation of the alternator	500 mA
Actuators Outputs via Bridges circuit H	5.00 A with Electronic protection with 20.00A Self-Limitation
Switching outputs	Can-Bus B / C Line
Electronic Engines Protocol Management	RS 232 - RS485
Modem connections	Analog 4 – 20 mA
Pressure & Temperature Sensors	Analog 4 – 20 mA / 0 – 10 V
External PID Input	GSM-GPRS Quad Band + GPS
External Modem	-10 ° C / + 55 ° C
Operating Temperature	Resistive, Veglia , Vdo , User
Engine Transducer	NO / NC on request
Contactors signaling	Multiple & freely configurable
Accessories and Aux Inputs	

The present data and the illustrations on this publication may change without prior notice.