INFINITYPOWER
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SMART 500 ADVANCED GENSET CONTROLLER

SMART 500 is the standard GENSET controller for our generators, other options and brands are available upon customer request, such as: EMKO, Deepsea, Datakom.. etc

DESCRIPTION

The D-xxx series are next generation genset control units combining multi-functionality and wide communication possibilities together with a reliable and low cost design.
The unit complies and mostly exceeds world's tightest safety, EMC, vibration and environmental standards for the industrial category.
Software features are complete with easy firmware upgrade process through USB port.
The Windows based PC software allows monitoring and programming through USB, serial and GPRS.
The PC based Rainbow Scada software allows monitoring and control of an unlimited number of gensets from a single central location.

TOPOLOGIES

3 phases 4 wires, star
3 phases 3 wires, 3 CTs
3 phases 3 wires, 2 CTs (L1-L2)
3 phases 3 wires, 2 CTs (L1-L3)
2 phases 3 wires, L1-L2
2 phases 3 wires, L1-L3
3 phases 4 wires, delta
1 phase 2 wires

COMMUNICATIONS

GSM-GPRS
Internal GPRS modem (optional)
GSM-SMS
e-mail
Modbus
USB Device
RS-485
RS-232
J1939-CANBUS

FUNCTIONALITIES

AMF unit with uninterrupted transfer
ATS unit with uninterrupted transfer
Remote start controller
Manual start controller
Engine controller
Remote display & control unit
Waveform display of V & I
Harmonic analysis of V & I
CTs at genset or load side