

Generator Control **Solutions**

Cost-effective generator control protection & remote monitoring solutions



D DATAKOM

Datakom stands for outstanding value and reliability, offering customers a low cost alternative to other similar single set controllers on the market

remote start
battery charger



Datakom have built a strong reputation for low cost generator control units and integrated display panels. The range includes a number of products for single set control including automatic mains failure units, manual and remote start units, manual key start units, engine protection units and a comprehensive range of accessories including battery chargers and automatic voltage regulators.

Gen-set controllers

Basic manual/remote start controllers

A series of cost effective controllers designed to automatically stop and start the generating set either manually or with manual and remote control.

- DKG-112 Manual start controller
- DKG-151 Manual start controller
- DKG-152 Manual start controller
- DKG-114 Manual and remote start controller
- DKG-317 Manual and remote start controller



DKG-114



DKG-112

AMF generator controllers

Datakom AMF units detect 'Automatic Mains Failure' when in automatic mode by monitoring 3 phases of the voltage and automatically starting, stopping and controlling load transfer of the generator.

- DKG-105 AMF controller
- DKG-107 AMF controller
- DKG-205 AMF controller
- DKG-207 AMF controller
- DKG-307 AMF controller
- DKG-308 AMF controller
- DKG-504 AMF controller with measurement panel



DKG-307

Synchronizing controllers

DKG-705 AMF controller with mains paralleling or set to set

Datakom synchronizing controllers are comprehensive units for single generating sets operating in standby or parallel with mains mode, or set to set paralleling.

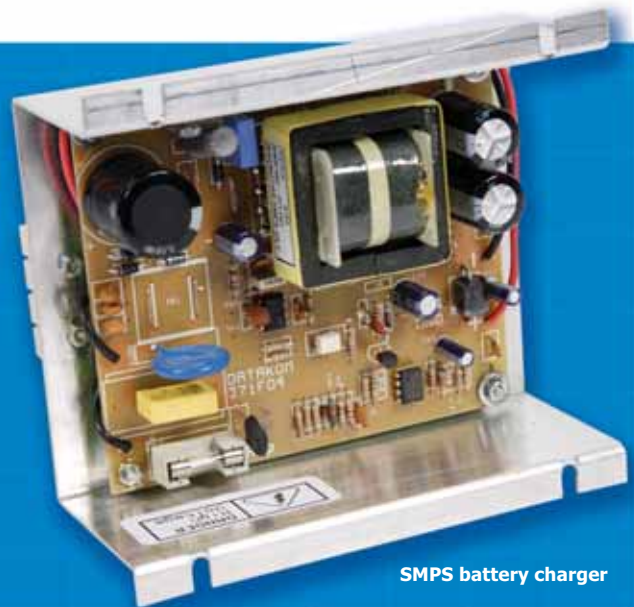


DKG-705

Battery chargers

The new range of SMPS battery chargers are fixed output voltage, current limited for lead acid batteries, specifically designed for the generator market.

- SMPS-123 (12V/3A)
- SMPS-125 (12V/5A)
- SMPS-243 (24V/3A)
- SMPS-245 (24V/5A)



SMPS battery charger

Alarm annunciators

The Datakom DKG-605 alarm annunciator is a compact 8 channel programmable unit for use on generating sets and diesel engines. Multiple DKG-605 units may be connected in parallel to form a larger scale alarm system.



DKG-605

AVR's

Datakom AVR's measure the voltage between one of the alternator phases and the neutral point and adjust the DC voltage applied to the excitation winding until it reaches the desired voltage.

- AVR-5 5 amps of continuous current output
- AVR-12 12 amps of continuous current output
- AVR-20 20 amps of continuous current output



AVR-12



Alongside the Engine Control Division, IPU Group offers a wide range of diesel engine products including: Fuel filtration systems, diesel engine pre-heating, noise reduction systems, engine shutdown solenoids and non-electric starting packages.

IPU GROUP ENGINE CONTROL DIVISION

IPU Group Engine Control division represents a wide range of essential electronic products and components for diesel and gas engines and their applications from stand by power generation, industrial engines, off-highway vehicles, construction machinery and marine engines. Our extensive product family includes multi-engine load sharing, power control solutions and generator controllers from GAC, ComAp, Datakom, Motortech and 42Technology - distributing equipment throughout the UK, Eire and across Africa.

Our engine control product portfolio includes:

- Electronic engine governing
- Generator control solutions
- Generator control panels
- Industrial engine control solutions
- Replacement parts and accessories for gas engines
- Specialised training

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