

LFS-series

Fuel Save Controller



Advantages

- Controller for high penetration up to 70% of diesel generator power
- Reduce fuel consumption of diesel generators
- Reduce maintenance costs of diesel generator
- Reduce environment impact
- Enhance your system efficiency

Monitoring

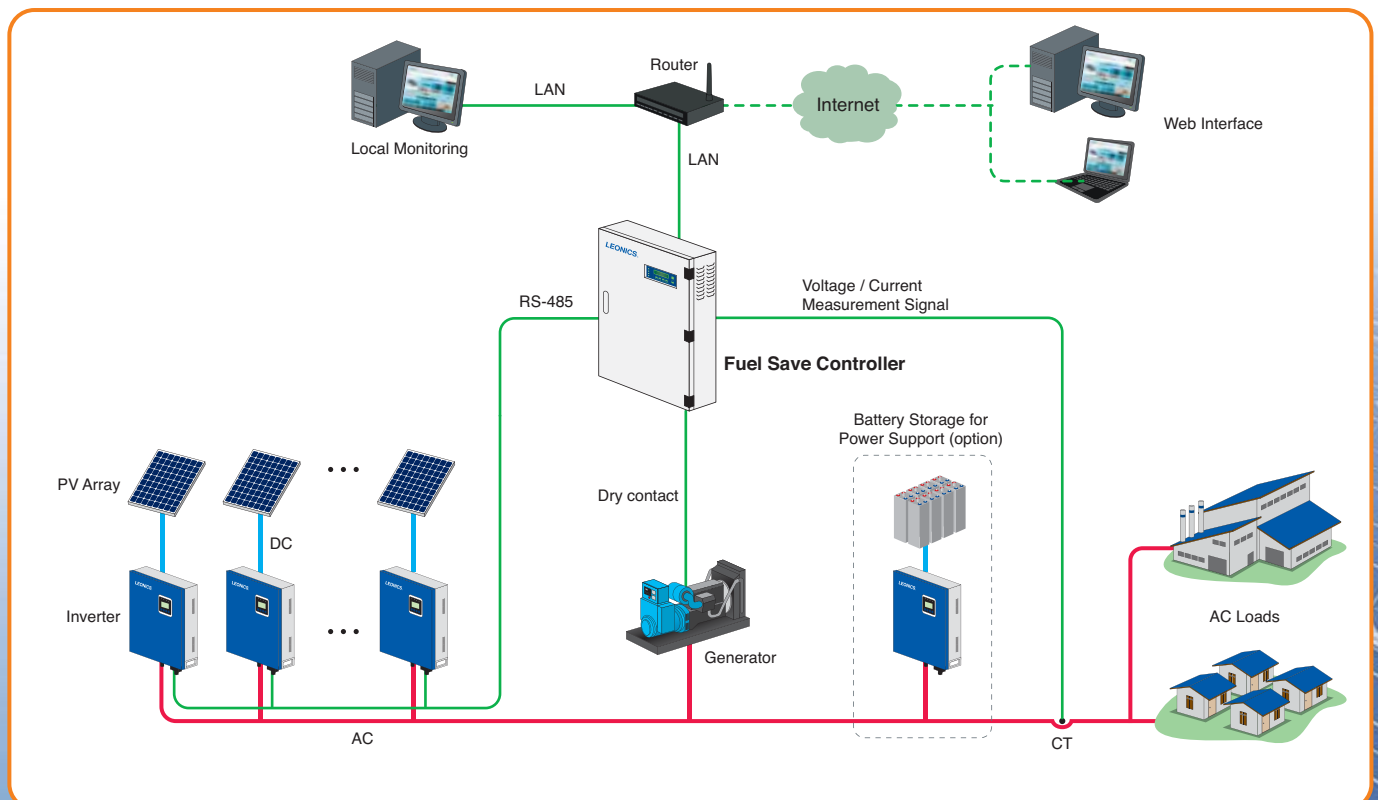
- Real-time monitoring data
- Monitor current of inverter and load
- Monitor power and status of inverter and load
- Load energy and event logging
- Local and remote monitoring

Simplicity

- Easy integration with generator system
- Regulate PV power output to ensure the efficient operation of the diesel generator
- Optional integration with battery storage system
- Power factor control function
- Control and communication interface to inverter

Stability

- Maximize PV power output to match with current status of genset and load
- Reverse PV power protection
- Constantly optimize spinning reserve conditions
- Calculation of suitable values of the maximum power output of inverters
- Emergency Power Off (EPO) function for inverters in case of a system malfunction
- Reactive power management to support genset (option)
- ISO 9001 and ISO 14001 certified factory



SPECIFICATIONS

MODEL		LFS-04
POWER SUPPLY	Voltage	380 Vac - 415 Vac
	Frequency	50 / 60 Hz
	Phase	Three phase
SYSTEM	PV system size	10 - 750 kWp / inverter
	Maximum number of inverters	8
	Maximum number of generators	4
INDICATOR	LED	Operation, Mains, Communication, Fault
	LCD display	Power (inverter / load), Reactive power (load), Energy (inverter / load), Current (inverter / load), Temperature (heat sink / module), Status (inverter / load / generator), Load bus voltage, %Load of generator, Generator input signal status, Status, Load Energy log, Event log
COMMUNICATION INTERFACE	Communication to inverter	RS-485
	Communication to generator	Dry contact
	Communication to monitoring system	LAN (option)
ENVIRONMENT	Temperature	-10°C to 50°C
	Relative humidity	0 - 95 % (non - condensing)
DIMENSION	W x H x D	52 x 57 x 20 cm
WEIGHT	Approximate in kg	36 kg

Continuous product development is our commitment. In that manner, the above specifications may be changed without prior notice.

Authorized Distributor

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