

LE SG24 Series

Featuring GenSmart™ Technology



LE SG24 Series
48 VDC Battery
Charging System



LE SG24 Series
72 VDC Battery
Charging System

Powering Your Innovation

The LE SG24 Series represents the most significant advancement in the mobile power generation industry in the last 20 years. The LE SG24 Series utilizes patented LE GenSmart™ generator technology which produces one of the most **POWER DENSE, EFFICIENT** products on the market today.

COMPACT DESIGN - LE has developed and refined a patented technology (GenSmart™), which incorporates amorphous metal and high energy density permanent magnets, to produce a high performance, high energy density, variable speed brushless generator.

HIGH EFFICIENCY GENERATOR - The LE patented GenSmart™ generator runs at significantly higher efficiency rates than any other comparable generators in the industry!

VARIABLE SPEED OPERATION - LE designed generators allow for variable speed operation thus making them extremely fuel efficient.

DURABLE DESIGN - Totally Enclosed Non-Ventilated (TENV) generator and sealed Power Electronics package make the system ideal for harsh environments.

REDUCED LIFE-CYCLE COSTS - Cost effective purchase price, lower maintenance costs and reduced operating costs all add up to lower life-cycle costs.

CONTROL SYSTEM - Features proprietary engine and generator control system. Includes closed-loop charging control for multiple battery chemistries.



5845 West 82nd Street
Bldg 20, Suite 110
Indianapolis, IN 46278
317-471-1800
www.lt-eng.com

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SPECIFICATIONS

LE SG24 SERIES DC CHARGER SYSTEM

Rated Power Output - 8,000+W(3,600 RPM)

Output Voltage - 48-375 VDC*

Ingress Protection - IP55

Finish(Generator) - Anodized

Bearing System - Bearingless

Temperature Range - -20° - 50° C

Humidity - 5 - 95%

Cooling - TENV (Blower Option)

Unit Weight (lbs.) - 200 lbs

Mounting - SAE Options

Charge Control - LE Proprietary

Throttle Control - Precision Governors

**AC output available with LE Power Electronics packages*



PROTECTION

Two Year GenSmart™ Limited Warranty

Six Month GenSmart™ Satisfaction Guarantee