# LPP
## Inverter Genset

50Hz / 60Hz

2.3–4.2kW

Stage V

LPP4200iS

LPP2300iS

## STANDARD FEATURES

- **Low Noise Level**
  Fully enclosed design dramatically reduces noise levels.
- **Light Weight**
  Compact design, easy to transport with built–in handle.
- **Parallel Fuction**
  Available to connect two inverter generators for twice power(Parallel kit sold separately) .
- **SINE–WAVE Output**
  Available directly to power precision equipment.
- **LED Indicators**
  Low on oil, overloaded, or ready–to–use.
- **Low–oil Protect**
  Low oil level Shutdown automatically, to protect engine from incurring damage.

Built on a legacy, focused on the future

## LPP Inverter Gensets
### SPECIFICATION

| Model | LPP2300iS | | LPP4200iS | |
|---|---|---|---|---|
| **Generator** | | | | |
| AC Frequency | 50Hz | 60Hz | 50Hz | 60Hz |
| Phase Number | SINGLE | | SINGLE | |
| AC Voltage | 110V 、120V 、220V 、230V 、240V | | 110V 、120V 、220V 、230V 、240V | |
| Surge AC Output | 2300W | | 4200W | |
| Rated AC Output | 1900W | | 3800W | |
| THD (100% load) | <2.5% | | <2.5% | |
| Fuel Tank Capacity | 5.2L | | 12L | |
| fuel consumption(75% load) | 8.5Hr | | 8Hr | |
| Runing hrs(25% load) | 13.5Hr | | 15.5Hr | |
| Rated DC Output | 12V/8.3A | | 12V/8.3A | |
| Noise Level@7m(1/4 Load) | 60dB(A) | | 62dB(A) | |
| **Engine** | | | | |
| Engine Type | 4 Strokes, OHV | | 4 Strokes, OHV | |
| Engine | 32 | | 63 | |
| Bore × Stroke | 48.6 × 43mm | | 72 × 55mm | |
| Displacement | 79.8cc | | 224cc | |
| Compression Ratio | 9.1:1 | | 9.2:1 | |
| Max.power Output | 2.5Kw/5000rpm | | 5.3Kw/4000rpm | |
| Maximum Torque | 5N · m/4000rpm | | 13.5N · m/2800rpm | |
| Recommended power output | 2.4Kw/4800rpm | | 5Kw/3600rpm | |
| Igition System | transistorised | | transistorised | |
| Starting System | Recoil | | Recoil | |
| Cooling System | forced air | | forced air | |
| Consumption rate | 340g/Kw.h | | 350g/Kw.h | |
| Oil Capacity | 0.45L | | 0.6L | |
| Dimensions(LxWxH) | 391 × 295 × 301mm | | 408 × 318 × 256mm | |
| **Packing & Container load** | | | | |
| Dimensions(LxWxH) | 570 × 365 × 495 | | 695 × 525 × 570 | |
| Net Weight(appr.) | 23kg | | 44kg(49kg for i E&M) | |
| Loading Qty (20'/40'/40 HQ) | 256/520/650 | | 140/292/292 | |
| **Configuration** | | | | |
| 3 in 1 meters: display voltage, frequency and running hours | ○ | | ● | |
| Parallel kit | ○ | | ○ | |

# Portable Power

- Petrol Genset
- Inverter Genset

Lister Petter Engine Company Limited

E–mail: enquiry@listerpetter.com | Web: www.listerpetter.com |

Address: Rutland House, Minerva Business Park, Lynch Wood, Peterborough, PE2 6PZ.

## APPLICATIONS

### As a portable backup power for a wide range of applications.

The Lister Petter Portable Generators offer the perfect solution to usable power in any situation.

The perfect size for emergency backup and domestic use, plus, portable enough for leisure activities.

Inverter technology allows sensitive electronic devices to be safely powered.

# LPP
# Petrol Genset

Stage V

**50Hz, 3000r/min**
2.5–7.2kW

**60Hz, 3600r/min**
2.8–8.2kW

## BASIC CHARACTERISTICS

- 50 Hz 3000 r/min and 60Hz 3600 r/min portable generator
- Naturally aspirated OHV petrol engine
- unleaded petrol conforming to BS EN 228:2012 (95 RON)

Built on a legacy, focused on the future

## STANDARD FEATURES

- OHV Petrol Engine
- 2-pole brush alternator with AVR
- long running steel powder coated fuel tank
- anti vibration mounts
- recoil and electric start
- 12V start battery and leads
- manual fuel cut-off valve
- operators handbook
- electrical diagrams
- tool kit
- Integral fuel level gauge
- automatic low oil shutdown protection
- durable powder coated compact roll cage frame design

## ALTERNATOR SPECIFICATION

- single bearing 2 pole brush alternator
- solid state AVR with +/−1.5% voltage regulation as standard
- class F insulation on the rotor and stator
- IP23 protection class

## CONTROL PANEL

- panel mounted sockets
- digital meter
- AC outlet circuit breaker with over−current protection
- 12V DC outlet and overload circuit protect
- Wheel kit with heavy duty oversize tyres
- High leverage folding handles

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# LPP Petrol Gensets
## SPECIFICATIONS

| | Model | LPP2500 EW | LPP2800E W | LPP3000 EW | LPP3300 EW | LPP5000 EW | LPP6500 EW | LPP6000 EW | LPP6600 EW | LPP7200 EW | LPP8200 EW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Generato r | AC Frequency | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz | 50Hz | 60Hz |
| | Rated AC voltage | Single phase:110V / 120V / 220V / 230V / 240V, Three phase: 380 / 220V, 400 / 230V | | | | | | | | | |
| | Surge AC output | 2800W | 3100W | 3300W | 3600W | 5500W | 6000W | 6600W | 7200W | 8000W | 8800W |
| | Rated AC output | 2500W | 2800W | 3000W | 3300W | 5000W | 5500W | 6000W | 6600W | 7200W | 8200W |
| | Power factor COSΦ | 1 / 0.8 | | | | | | | | | |
| | Phase | Single phase / T hree phase | | | | | | | | | |
| Engine | Engine type | 4−stroke single cylinder, air cooled | | | | | | | | | |
| | Model | LP200 | | LP230 | | LP390 | | LP440 | | LP460 | |
| | Displacement | 196cc | | 224cc | | 389cc | | 439cc | | 459cc | |
| | Bore x Stroke | 68 × 54mm | | 72 × 55mm | | 88 × 64mm | | 90 × 69mm | | 92 × 69mm | |
| | Maximum power output | 6.5hp | | 7.5hp | | 13.0hp | | 15.0hp | | 17.0hp | |
| | Ignition system | T.C.I. | | | | | | | | | |
| | Starting system | Recoil and electric | | | | | | | | | |
| | Fuel | Unleaded gasoline | | | | | | | | | |
| | Fuel tank capacity | 15L | 15L | 15L | 15L | 25L | 25L | 25L | 25L | 25L | 25L |
| | Run time (approx.) on one tankful at 75% load | 11.5h | 10h | 8h | 7h | 10h | 9h | 8h | 7h | 6.5h | 6h |
| | Lubrication oil capacity | 0.6L | | 0.6L | | 1.1L | | 1.1L | | 1.1L | |
| | Noise level at 7m | 68dB(A) | 69dB(A) | 68dB(A) | 69dB(A) | 72dB(A) | 76dB(A) | 72dB(A) | 76dB(A) | 72dB(A) | 76dB(A) |
| | Recoil start package size | 61 × 47 × 47cm | | 61 × 47 × 47cm | | 71 × 56 × 57cm | | 71 × 56 × 57cm | | 71 × 56 × 57cm | |
| Genset package & weight | Recoil start weight | 50kg | | 50kg | | 82kg | | 84kg | | 87kg | |
| | Electric start package size | 61 × 47 × 47cm | | 61 × 47 × 47cm | | 71 × 56 × 57cm | | 71 × 56 × 57cm | | 71 × 56 × 57cm | |
| | Electric start weight | 55kg | | 55kg | | 90kg | | 92kg | | 95kg | |
| | Electric start with Wheel kits package size | 71 × 47 × 47cm | | 71 × 47 × 47cm | | 81 × 56 × 57cm | | 81 × 56 × 57cm | | 81 × 56 × 57cm | |
| | Electric start with Wheel kits weight | 59kg | | 59kg | | 99kg | | 101kg | | 104kg | |
| | Electric starting system | ● | | ● | | ● | | ● | | ● | |
| Configuration | Automatic voltage regulat or | ● | | ● | | ● | | ● | | ● | |
| | Fuel meter | ● | | ● | | ● | | ● | | ● | |
| | Low oil protect | ● | | ● | | ● | | ● | | ● | |
| | Digitalmeter(V, Hz,hr) | ● | | ● | | ● | | ● | | ● | |
| | 12VDC output | ● | | ● | | ● | | ● | | ● | |
| | AC circuit breaker | ● | | ● | | ● | | ● | | ● | |
| | 2−w heel transport kit | ●(8") | | ●(8") | | ●(8") | | ●(8") | | ●(8") | |
| | Brush alternator | ● | | ● | | ● | | ● | | ● | |