

# 2200 Series 2206A-E13TAG3 Diesel Engine – Electropak

392 kWm at 1500 rpm  
381 kWm at 1800 rpm

The 2200 Series engine has been developed using the latest engineering techniques and builds on the strengths of the already very successful 2000 Series family and addresses today's uncompromising demands within the power generation industry. Developed from a proven heavy-duty industrial base, these products offer superior performance and reliability.

The 2206A-E13TAG range are 6 cylinder, turbocharged air-to-air charge cooled diesel engines. It's premium features provide exceptional power to weight ratio resulting in exceptional fuel consumption.

The overall performance and reliability characteristics make this the prime choice for today's power generation industry.

## Economic power

- Mechanically operated unit fuel injectors with electronic control combined with carefully matched turbocharging, give excellent fuel atomisation and combustion with optimum economy
- Low emissions result from electronically controlled fuel injection

## Reliable power

- Developed and tested using the latest engineering techniques and finite element analysis for high reliability, low oil usage and low wear rates
- High compression ratios ensure clean rapid starting in all conditions
- Perkins global product support is designed to enhance the customer experience of owning a Perkins powered machine. We deliver this through the quality of our distribution network, extensive global coverage and a range of Perkins supported OEM partnership options. So whether you are an end-user or an equipment manufacturer our engine expertise is essential to your success

## Compact, clean and efficient power

- Exceptional power to weight ratio and compact size give optimum power density for ease of installation and more cost effective transportation
- Designed to provide excellent service access for ease of maintenance



## Product support

- Perkins actively pursues product support excellence by ensuring our distribution network invest in their territory – strengthening relationships and providing more value to you, our customer
- Through an experienced global network of distributors and dealers, fully trained engine experts deliver total service support around the clock, 365 days a year. They have a comprehensive suite of web-based tools at their fingertips covering technical information, parts identification and ordering systems, all dedicated to maximising the productivity of your engine
- Throughout the entire life of a Perkins engine, we provide access to genuine OE specification parts and service. We give 100% reassurance that you receive the very best in terms of quality for lowest possible cost... wherever your Perkins powered machine is operating in the world

*This engine does not comply to Harmonized International Regulated Emissions Limits*

| Engine Speed<br>(rpm) | Type of<br>Operation | Typical Generator<br>Output (ave) |     | Engine Power |     |     |     |
|-----------------------|----------------------|-----------------------------------|-----|--------------|-----|-----|-----|
|                       |                      |                                   |     | Gross        |     | Net |     |
|                       |                      | kVA                               | kWe | kWm          | bhp | kWm | bhp |
| 1500                  | Prime Power          | 400                               | 320 | 368          | 493 | 349 | 468 |
|                       | Standby Power        | 450                               | 360 | 413          | 554 | 392 | 526 |
| 1800                  | BaseLoad Power       | 400                               | 320 | 373          | 500 | 349 | 468 |
|                       | Standby Power        | 438                               | 350 | 407          | 546 | 381 | 511 |

The above ratings represent the engine performance capabilities in conditions specified in ISO 8528/1, ISO 3046/1, ISO 3046/2, ISO 3046/3, ISO 3046/4, ISO 3046/5, ISO 3046/6, ISO 3046/7, ISO 3046/8, ISO 3046/9, ISO 3046/10, ISO 3046/11, ISO 3046/12, ISO 3046/13, ISO 3046/14, ISO 3046/15, ISO 3046/16, ISO 3046/17, ISO 3046/18, ISO 3046/19, ISO 3046/20, ISO 3046/21, ISO 3046/22, ISO 3046/23, ISO 3046/24, ISO 3046/25, ISO 3046/26, ISO 3046/27, ISO 3046/28, ISO 3046/29, ISO 3046/30, ISO 3046/31, ISO 3046/32, ISO 3046/33, ISO 3046/34, ISO 3046/35, ISO 3046/36, ISO 3046/37, ISO 3046/38, ISO 3046/39, ISO 3046/40, ISO 3046/41, ISO 3046/42, ISO 3046/43, ISO 3046/44, ISO 3046/45, ISO 3046/46, ISO 3046/47, ISO 3046/48, ISO 3046/49, ISO 3046/50, ISO 3046/51, ISO 3046/52, ISO 3046/53, ISO 3046/54, ISO 3046/55, ISO 3046/56, ISO 3046/57, ISO 3046/58, ISO 3046/59, ISO 3046/60, ISO 3046/61, ISO 3046/62, ISO 3046/63, ISO 3046/64, ISO 3046/65, ISO 3046/66, ISO 3046/67, ISO 3046/68, ISO 3046/69, ISO 3046/70, ISO 3046/71, ISO 3046/72, ISO 3046/73, ISO 3046/74, ISO 3046/75, ISO 3046/76, ISO 3046/77, ISO 3046/78, ISO 3046/79, ISO 3046/80, ISO 3046/81, ISO 3046/82, ISO 3046/83, ISO 3046/84, ISO 3046/85, ISO 3046/86, ISO 3046/87, ISO 3046/88, ISO 3046/89, ISO 3046/90, ISO 3046/91, ISO 3046/92, ISO 3046/93, ISO 3046/94, ISO 3046/95, ISO 3046/96, ISO 3046/97, ISO 3046/98, ISO 3046/99, ISO 3046/100. Depending may be required for conditions outside these, contact Perkins Engines Company Limited.

Generator powers are based and are based on an average alternator efficiency and a power factor cos.  $\phi$  of 0.8. Fuel specifications: ISO 3046/1, Part 2: 1998 Class A2 or ISO 3046/2 or A2/1M D575 Class 12-493 D5. Lubricating oil: ISO 3046/1 to API C4.

### Rating Definitions

Prime Power: Variable load, Unlimited hours usage with an average load factor of 70% of the published prime power rating over each 24 hour period, A 10% overload is available for 1 hour in every 24 hours of operation. Standby Power: Variable load, Limited to 300 hours annual usage up to 300 hours of which may be continuous running. No overload is permitted.

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# 220series 2206a E13tagdiesel Engine Electropak

**Daniela Niemeyer**



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