

# PEAK POWER 200



The Peak Power 200 is a state-of-the-art flywheel energy storage system designed to integrate seamlessly with your power source. It delivers rapid power boosts, allowing you to downsize your mains connection or generator by up to 50% without sacrificing performance. This innovation not only significantly reduces emissions but also lowers fuel consumption.

The flywheel energy storage system is the heart of the Peak Power 200. Capable of rapid charging and discharging, the flywheels are designed to operate for over 10 million cycles without any degradation in performance.



Significant cost savings



Significantly reduces emissions



Lowers fuel consumption



Delivers up to 85kW for a short burst of power



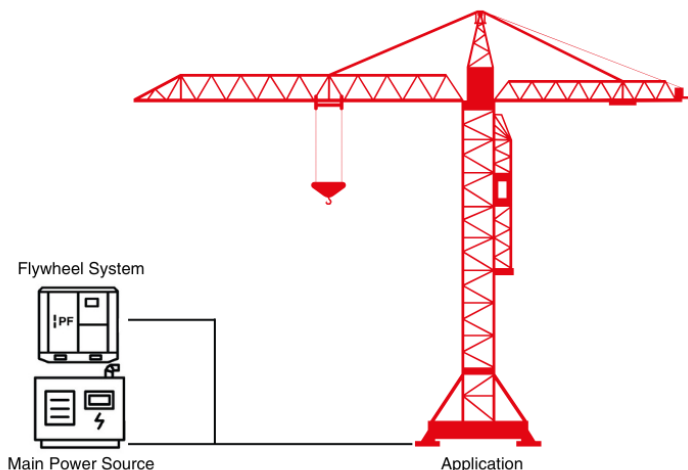
Reduces generator size

## Comprehensive Control Panel:

- System utilises an IP67 DSE M840 4.3" display complete with a custom interface to provide intuitive and robust operation
- Power, voltage and frequency data for plant, generator and energy storage system
- Flywheel module parameters: state of charge (%), oil pressure, oil temperature, vacuum level
- Event log management and diagnostics
- Alarms and faults including: oil pressure, oil temperature, vacuum and emergency stop button
- Communications: Ethernet/USB interface, cloud based telemetry tool using on board 3G/4G router



## Connectivity:



## Construction:

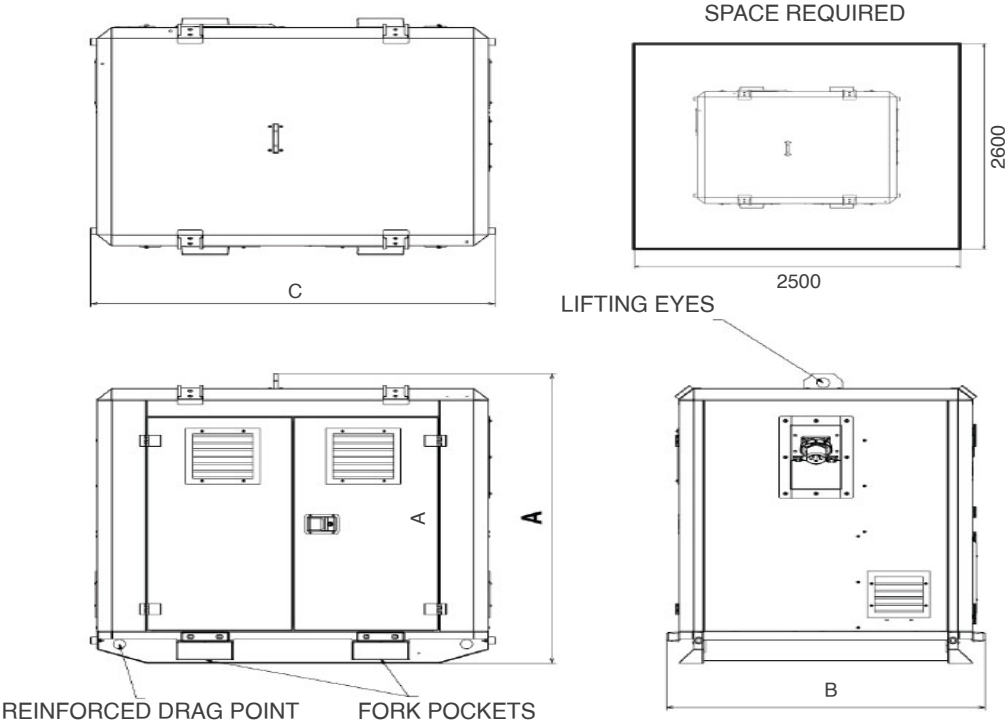
The Peak Power 200 enhances dynamic duty cycles across various equipment like tower cranes, hoists, concrete pumps, batching plants, and welding gear.



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Specification:

Peak Power 200	
A	1591mm
B	1300mm
C	1654mm
Mass	1280kg



General Characteristics	
Operating temperature	-20 °C to 45 °C
Acoustic sound pressure level at 1m, 50 Hz (60% SoC)	68 dB(A)
Acoustic sound pressure level at 7m, 50 Hz (60% SoC)	58 dB(A)

Electrical Characteristics	
Peak power rating	85 kW
Peak power rate	2,500 kW/s
Voltage	400/480 V
Frequency	50/60 Hz
Load reaction time	<30 ms
Reactive Power	133 kVAr