## **Ampd Enertainer**

M P



The Ampd Enertainer is an advanced energy storage system which provides diesel-free power for the next-generation of construction projects. Available in various configurations, the Ampd Enertainer is designed for the tough, dynamic and space-constrained needs of construction sites, without compromise.



Significant Cost Savings Up to 75% lower all-inclusive OPEX<sup>1</sup> & lower total cost of ownership

Minimise Carbon Footprint Up to 85% carbon reduction<sup>1</sup> & zero direct NO<sub>x</sub>, PM & SO<sub>2</sub>

Maximise Productivity Zero recharging downtime an near-zero annual maintenanc downtime

<sup>1</sup>Compared to generators of a similar capacity

Ultra Low Noise Footprint

32 times quieter<sup>1</sup>, enabling use during noise sensitive hours

Enhance On-Site Safety Eliminate diesel fire hazards & reduce on-site diesel storage quantity

Internet Connected, 24x7 Connect to the Enertainer's IoT platform, anywhere & any time

Using energy storage technologies which are tested and certified to international standards (UL, UN, CE, IEC, IEEE and ENA standards), the Ampd Enertainer is designed to:

- be rugged, robust and built to last (up to 10+ years expected operating life);
- deliver extremely high levels of reliability through a redundancy, modular design and
- operate safely, even in tough environments.







For more information about Sustainable Solutions visit: www.selectplanthire.com

## **Ampd Enertainer**





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Parameter		Specification	
Model		Enertainer M	Enertainer L +
Output power	Overload (<1 minute)	338 kVA	525 kVA
	Nominal	300 kVA	438 kVA
Output current	Overload (<1 minute)	514 A	798 A
	Nominal	486 A	665 A
Energy storage subsystem chemistry		Lithium iron phosphate (LiFePO 4)	
	Power conversion subsystem type	Heavy-duty, modular power conversion system	
Rating	Maximum input current	380- 415 VAC (3Ph + N + PE) 90 A	
	Output frequency range	380- 415 VAC ± 2% (3Ph + N + PE)	
		50 Hz ±0.5 Hz	
Thermal management subsystem	Туре	Industrial, wall-mounted recirculating air-conditioning system	
	Number of cooling units	2 units	
	Refrigerant type	R134a	
	Dimensions (L x W x H) Net	3.05 m (L) x 2.44 m (W) x 2.60 m (H) (10' container)	
	weight	7.2 tons 9	.6 tons
	Fire extinguishing subsystem	Optional (Aerosol type, based on customer requirements)	
Mechanical	Ingress protection	Designed to IP 55*, NEMA 4/4X* (rain, typhoon, and snow proof	
	Operating temperature range	-20 to +45 °C external ambient temperature	
	Sound power level at full load	85 - 89 dB(A) (32 times quieter vs. comparable diesel generator)	
	Sound pressure level at full load	61 dB(A) (at 7 meters)	
Connectivity		Cellular data (4G)	
Expected Lifetime		10 years	

## Enernet

The Enernet is an all-in-one online portal connecting directly to all Enertainers. Enernet provides a deep level of data transparency on the operations of Enertainers and the equipment attached to it anytime, anywhere.

This level of data transparency allows better understanding of the operations and condition of construction equipment whilst ensuring the uninterrupted provision of energy to construction sites, enabling better, faster and more informed decisions. Improving the productivity and operational efficiency of sites.









