



Battery power

Battery specifications

The CAT battery XES 120, offered by us at Pon Energy Rental, is a high-performance mobile energy storage solution designed for reliable, sustainable, and cost-efficient temporary power. With 127 kWh of usable storage and 100 kVA continuous output, it delivers robust performance with zero direct CO₂ emissions and near-silent operation, making it ideal for construction sites, events, offshore projects, and industrial applications.

The system can be charged from the grid, generators, or renewable sources such as solar and wind, and it integrates seamlessly into hybrid power setups to reduce fuel consumption and lower operating costs. Built for demanding

environments, the CAT XES 120 combines Caterpillar's proven technology with smart energy management to ensure maximum flexibility and reliability.

With Pon Energy Rental's expertise and service, customers benefit from a clean, quiet, and efficient power solution that supports both operational needs and sustainability goals. The CAT Battery XES 120 is the smart choice for businesses looking to balance performance, efficiency, and environmental responsibility in their temporary power supply.



Mobile batteries

Technical information

Model			XES 120
Inverter	Nominal rating @ 25 °C	kW (kVA)	72 (90)
	Frequency	Hz	50
	Voltage	VAC	400/230
	Passthrough current (genset only)	A	200
	Max. combined current (genset+XES)	A	250
	Max. load before genset start (fast)	kW	Configurable 57.6 - 64.8 / delay 0-30s
	Max. load before genset start (slow)	kW	Configurable 54.0 - 61.2 / delay 60-600s
	Overload	-	1.5 x rated for 30s
	Short-circuit current	-	2 x rated current
	Inverter derate @ 30°C	%	96
Battery	Inverter derate @ 40°C	%	90
	Inverter derate @ 50°C	%	82
	Nominal capacity @ 25 °C	kWh	127.9
	Typical charge time @ 25°C	hr	3
	Battery chemistry	-	Lithium iron phosphate (LFP)
	Cycle life (80% DoD)	-	6000 cycles
	Maintenance charge interval	-	<3 weeks
	Cooling	-	Variable speed force air coolingOpen charge
	Ingress rating	-	point IP55 / NEMA 3
	Operating temperature range (charge)	°C	0 to +50
Mechanical	Operating temperature range (discharge)	°C	-10 to +50
	Dimensions [LxWxH]	mm	2250x1398x2126
	Weight	kg	2800

Details are given for guidance only. Exact equipment may vary according to geographical location and availability.



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to help

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CAT