



EukaPower with Acumen Precision EMS Controls

Energy Storage System
Toolbase Sheet

1-hour		2-hour		4-hour	
ESS Power (kW)	ESS Capacity (kWh)	ESS Power (kW)	ESS Capacity (kWh)	ESS Power (kW)	ESS Capacity (kWh)
300	420	200	420	100	420

EukaPower – Turnkey ESS

- ✓ Easy to assemble and functionally tested to reduce on-sitework and cost
- ✓ Commissioning and annual maintenance included
- ✓ Flexible design options to match application needs via Modularity
- ✓ Fully integrated PCS and EMS

Highly Integrated

Highly integrated energy storage system, easy to transport, install and maintain. Adopt advanced energy storage core technology to optimize system control and reduce costs

Efficient and Flexible

Cell-level precise temperature control, intelligent charge and discharge management, and long battery cycle life
Modular and parallel design, easy for system expansion and unified control

Safety and Reliable

AC side online insulation detection, three-level battery management, short-circuit quick disconnection protection
Intelligent fire protection system design, multi-point monitoring and early warning, rapid fire extinguishing-cost advantages upfront and over the lifespan of a system.

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ELECTRICAL PARAMETERS	
Maximum rated power	330 KW
AC Nominal voltage	3 φ 3 / 400Vac(+/- 10%)
Frequency	50Hz/ 60Hz (Automatic Detection)
Nominal Current	476A
Maximum Current	530A
Power Factor	-0.9 ... 1 ... +0.9
EFFICIENCY	> 98%
BATTERY PARAMETERS	
Cell Chemistry	LFPO
Operation voltage range	650 Vdc ~ 750 Vdc
Nominal Voltage	710 Vdc
Standard Charging Voltage	750 Vdc
Cutoff Voltage	650 Vdc
GENERAL DATA	
Dimensions (L / W / H)	4100 / 2438 / 2896 mm
Weight	7.5 tons
Operating temperature range	0°C / +50°C
Max humidity (non-condensing)	95 %
Max altitude	asl 2000m