

Specifications are preliminary and subject to change.

#### Grid transformation for the world's largest energy projects

- Best-in-class energy density and round-trip efficiency
- Industry-leading power electronics and thermal system performance
- Rapid and cost-effective deployment with factory-assembled and pre-tested solution

#### Scaled and rigorously tested product safety and reliability

- Comprehensive in-house reliability testing by the leading experts in the industry
- Engineered for safety and performance at every level
- Continuous improvement based on large-scale operational experience

#### Designed with flexibility and configurability in mind

- Modular architecture that allows for a range of configurations across multiple applications
- Industry experts available to identify site-specific needs
- Integrated solution that allows for battery augmentation over time



## POWER AND ENERGY

Megapack duration is configurable. Standard configurations are 2-hour and 4-hour durations. Nominal energy is specified at 25°C (77°F).

	AC Power per Megapack	Energy per Megapack
<b>2-Hour</b>	1927 kW	3854 kWh
<b>4-Hour</b>	979 kW	3916 kWh

## ELECTRICAL

<b>Nominal AC Voltage</b>	480 V AC 3-phase	
<b>Nominal Frequency</b>	50 or 60 Hz	
<b>Inverter Power per Megapack<sup>1</sup></b>	2-Hour Max:	2400 kVA
	4-Hour Max:	1632 kVA
<b>Round-Trip System Efficiency<sup>2</sup></b>	2-Hour:	92.0%
	4-Hour:	93.5%

<sup>1</sup>Scalable from 400 kVA minimum in increments of 50 kVA

<sup>2</sup>Full-depth cycle including all power conversion and thermal system losses, at 25°C (77°F)

## WARRANTY

<b>Coverage</b>	All-inclusive, equipment and energy retention
<b>Term</b>	15 years standard, extendable to 20 years

## PART NUMBER

**1848844-XX-Y** Where X is a number between 0-9 and Y is a letter

## MECHANICAL AND MOUNTING

<b>Ingress Ratings</b>	IP66/NEMA 3R (Main Enclosure) IP20 (Thermal System)	
<b>Enclosure Dimensions</b> +/- 13 mm (½ in)	Width: 8800 mm (346 ½ in) Depth: 1650 mm (65 in) Height: 2785 mm (110 in)	
<b>Maximum Weight</b>	38,100 kg (84,000 lb)	
<b>Operating Ambient Temperature</b>	-30°C to 50°C (-22°F to 122°F)	

## REGULATORY (EXPECTED LISTINGS)

System is compliant to grid codes and safety standards of all major markets.

<b>System</b>	NRTL listed to UL 1973, UL 9540, UL 9540A, UL 1741 SA, IEC 62619, IEEE 1547
<b>Cells</b>	NRTL listed to UL 1642

## CONTROLS AND COMMUNICATIONS

<b>Protocols</b>	Modbus TCP / DNP3 / REST API	
<b>Core Control Modes</b>	Direct Real Power Direct Reactive Power Frequency Support Virtual Inertia	Ramp Rate Control Site Control Power Factor Control Voltage Control

## MONITORING

<b>Powerhub</b>	Free-to-use cloud monitoring portal
<b>Powerhub API</b>	REST API providing event-based controls and site level monitoring