

High Rate Lithium UPS Battery System

The Narada NESP Series (LFP) High Capacity Lithium Iron Phosphate batteries are designed for a wide range of UPS solutions providing a more open operating temperature range, while delivering exceptional warranty, safety, and life.

FEATURES AND CERTIFICATIONS

- **System Level Protection**
- **Thermal Management**
- **Standard HMI**
- **High Rate Discharge down to 3 min**
- **Flexible Module Design**
- **Wide Operating Voltage Range up to 1000VDC**
- **10 Module Capacity up to 200kW**
- **Disconnect or Breaker Option**
- **Standard color Black / Beige Optional**
- **No AC Power Required**
- **Seismic Qualified CBC/IBC Zone 4**
- **UL1964, UL1973 Certified**



Module

<i>Module</i>		<i>NESP51255</i>
Rated Voltage	V	51.2
Rated Capacity	Ah	55
Weight	Kg/lbs	35 / 77
Charge / Discharge Current (Max)	A	55 / 425
Charge / End Voltage	V	57.6 / 43.2
Discharge Voltage	V	43.2
Dimensions	Width, mm/in	392 / 15.5
	Depth, mm/in	435 / 17.2
	Height, mm/in	165 / 6.5
Recommended Temperature Range	Charge	0°C to 60°C
	Discharge	-20°C to 60°C
	Storage	0°C to 40°C
	Discharge	15°C to 35°C



**Dimensions
10 Module Rack**

<i>System</i>		
	<i>5125528</i>	<i>5125525</i>
Configuration	160S1P	144S1P
Modules /String	10	9
Nominal Voltage(V)	512	460.8
Module (Ah)	55	55
Charge Voltage(V)	584	518.4
Cutoff Voltage(V)	440	396
Max Discharge (A)	425	425
Dimensions	160S1P	144S1P
Rack Width(mm/in)	500 / 19.7	500 / 19.7
Rack Depth(mm/in)	710 / 28.0	710 / 28.0
Rack Height(mm/in)	2048 / 80.7	2048 / 80.7
System Weight (kg/lbs.)	540 / 1188	505 / 1111

