

## High Power Lithium UPS Battery System



*The Narada Lithium MPL High Power Series (MPLhP) Lithium Iron Phosphate (LFP) battery systems are designed for runtimes of 5 min and greater and cover a wide range of UPS solutions. MPLhP systems are capable of more open operating temperature ranges, while delivering exceptional warranty, safety, and life.*

### FEATURES AND CERTIFICATIONS

- System Level Protection
- Standard System HMI Display / Control
- High Power Discharge down to 3 min
- Flexible Module Design 51.2V Standard and Optional 76.8V Module.
- Wide Operating Voltage Range up to 1000VDC
- 10 Module / 512Vnom Discharge Power up to 188kW
- Breaker Standard with Disconnect Option
- Black or Optional Off-White Color
- DC Self Powered BMS, No AC Power Required
- Seismic Certified to CBC/IBC Zone 4 /IF 1.5
- UL1964 cell, UL1973 System Certified
- UL9540A Tested
- UN38.8 Compliant

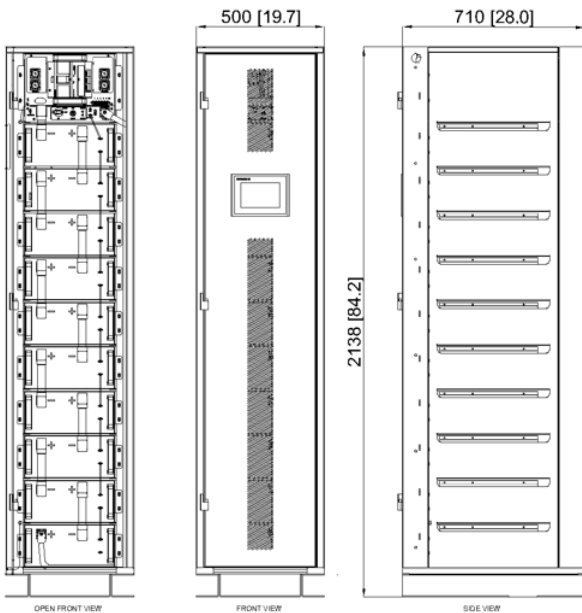


### System Base Part Number: MPLhP10512-28

Configuration	1681P
Modules /String	10
Nominal Voltage(V)	512
Module (Ah)	55
Charge Voltage(V)	576
Cutoff Voltage(V)	440
Max Discharge (A)	450
Rack Width(mm/in)	500 / 19.7
Rack Depth(mm/in)	710 / 28.0
Rack Height(mm/in)	2138 / 84.2
System Weight (kg/lbs.)	540 / 1188

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 / 44.0
Discharge Voltage	V	43.2
Dimensions	Width, mm/in	392 / 15.5
	Depth, mm/in	435 / 17.2
	Height, mm/in	165 / 6.5
Temperature Range	Charge	0°C to 55°C
	Discharge	-20°C to 55°C
	Storage	0°C to 40°C
	Operating	15°C to 35°C

### Dimensions 10x 51.2V Module Rack



### Operating Parameters

450A Max Current 30 Seconds

430A Continuous Current

188kw Continuous Power

440V to 576 VDC Operating Voltage Range



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