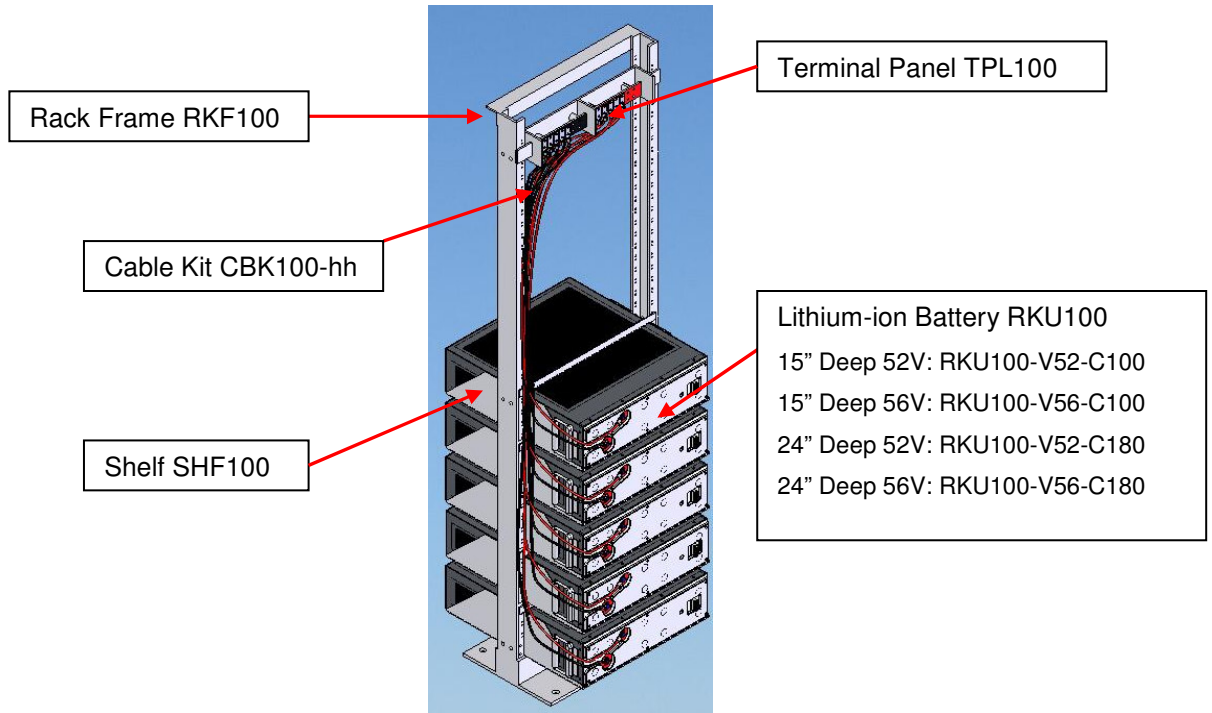


# RPS100 Lithium-ion Rack System

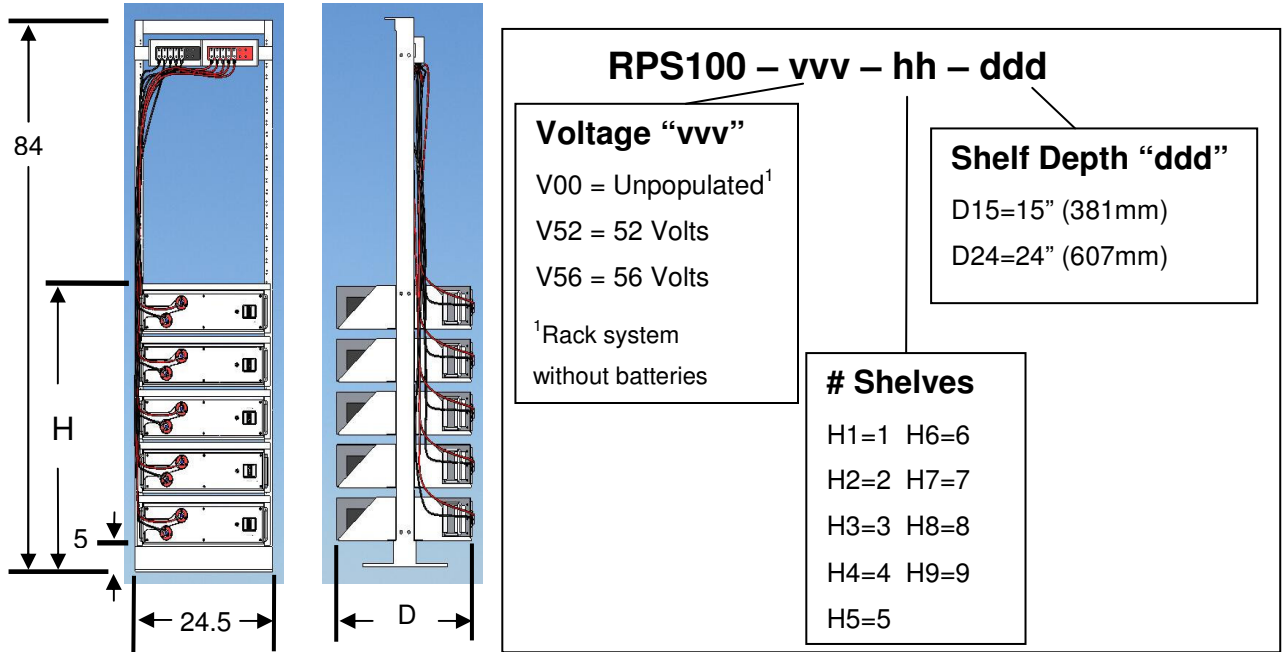


The RPS100 Modular Power System provides unprecedented levels of energy in a 23" rack format with reduced floor loading over lead-acid alternatives. Capacities from 100 to 1440 Ah are offered in a single 23" rack at 52 and 56V float voltages. 15" and 24" shelf depths are available. The system includes rack, shelves, terminal panel and cabling.

## Specifications

<b>Float Voltage</b>	-V52: 52.3 +/- 0.5V	-V56: 56.4 +/- 0.5
<b>Discharge Cut-off</b>	-V52: 39V	-V56: 42V
<b>Design Life on Float</b>	15 Years at 77°F (25°C)	
<b>Operating Temperature</b>	-40 to 131°F (-40 to 55°C)	
<b>Storage Temperature</b>	-67 to 149°F (-55 to 65°C)	
<b>Approvals</b>	CORE-63, CORE-1089 Lev 3, UL60950	

### Part Number Format



### Rack Height, Capacity, Max. Current, Weight

No. of Shelves	Height H in. (mm)	Cap. (Ah)	Max. Amps <sup>1</sup>	52V Lbs <sup>2</sup> (kg)	56V Lbs <sup>2</sup> (kg)	Cap. (Ah)	Max. Amps <sup>1</sup>	52V Lbs <sup>2</sup> (kg)	56V Lbs <sup>2</sup> (kg)
1	13.2 (335)	100	42	257 (117)	263 (120)	180	48	336 (153)	349 (159)
2	21.3 (541)	200	84	392 (178)	404 (184)	360	96	550 (250)	576 (262)
3	29.5 (749)	300	126	527 (240)	545 (248)	540	144	764 (347)	803 (365)
4	37.6 (955)	400	168	662 (301)	686 (312)	720	168	978 (445)	1030 (468)
5	45.8 (1163)	500	210	797 (363)	827 (376)	900	240	1192 (542)	1257 (571)
6	54.0 (1372)	600	252	932 (424)	968 (440)	1080	288	1406 (639)	1484 (675)
7	62.2 (1580)	700	294	1067 (485)	1109 (504)	1260	336	1620 (736)	1711 (778)
8	70.4 (1788)	800	336	1202 (546)	1250 (568)	1440	384	1834 (833)	1938 (881)

<sup>1</sup>At 25°C (77°F) ambient temperature, see manual for other temperatures

<sup>2</sup>Weight includes batteries, rack, shelving, cables, terminal panel.

See data sheet DS-RKU100-001 for specifics on RKU100 batteries