

Deka unigy®

HIGH RATE SERIES

The Deka Unigy High Rate Series line of absorbed valve-regulated, lead-acid batteries is designed specifically for high-rate uninterruptible power supplies (UPS). These batteries are housed in polypropylene or flame-retardant polypropylene (rated 28 LOI), 12-volt monoblocks. Absorbed glass-mat construction lowers internal resistance for superior high-rate, short-term discharges. I.C.C.O., I.M.D.G., I.A.T.A. and D.O.T. air transport approval pending.

Specifications

- NOMINAL VOLTAGE: 12-Volt
- FLOAT CHARGE VOLTAGE: 13.50 @ 77°F (25°C)
- EQUALIZE CHARGE VOLTAGE: 14.4
- OPERATING TEMPERATURE: 50° to 95°F (10°C to 35°C)
- TERMINAL: Lead terminal
- TORQUE VALUE: 60 inch lbs.
- RIPPLE: Limited to 0.5% RMS or 1.5% of the float voltage
- SAFETY VENT: Flame arresting, low-pressure, self sealing on flame-retardant
Low-pressure, self sealing on standard



Standard: Black Cover, Grey Case

Discharge Ratings in Watts Per Cell To Various End Voltages [at 77°F (25°C)]

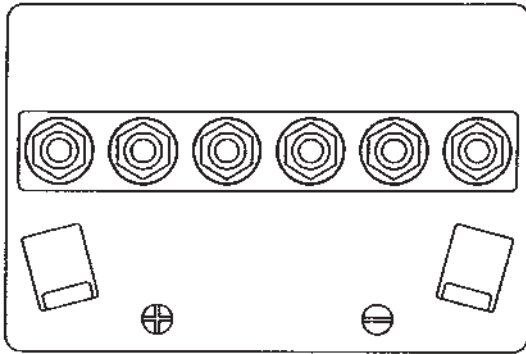
Volts Per Cell (V.P.C.)	1 Min.	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.	40 Min.	50 Min.	60 Min.
1.90	214	144	108	86	73	53	40	33	28
1.85	237	164	124	100	82	61	47	39	33
1.80	258	184	135	106	89	66	52	43	37
1.75	272	202	144	111	90	68	54	45	40
1.70	277	208	151	114	91	68	55	46	41
1.67	282	210	151	116	92	69	56	47	41
1.60	288	212	152	118	94	71	57	48	42

Note: Above ratings conform to IEEE-485 standards.

Discharge Ratings in Amperes To Various End Voltages [at 77°F (25°C)]

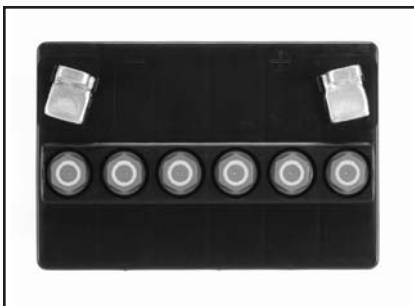
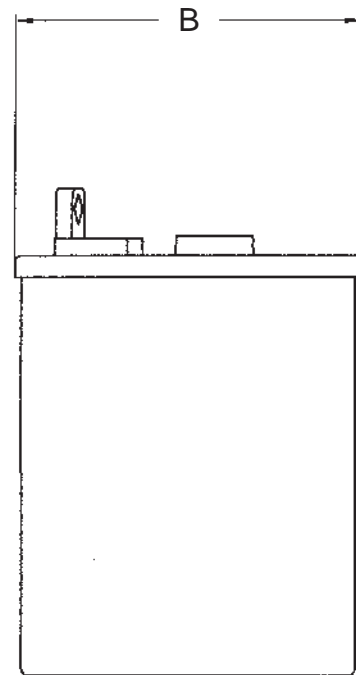
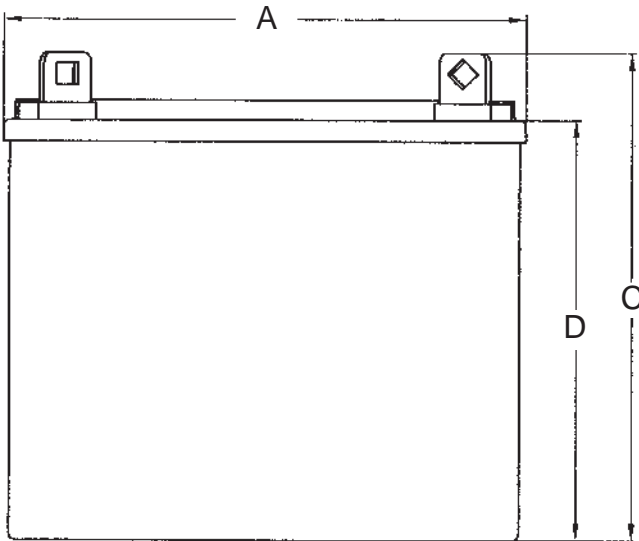
Volts Per Cell (V.P.C.)	15 Min.	30 Min.	60 Min.	3 Hrs.	8 Hrs.	12 Hrs.	20 Hrs.	48 Hrs.	100 Hrs.
1.90	43.30	26.60	14.20	8.50	3.40	2.33	1.50	0.68	0.36
1.85	51.10	30.90	16.50	8.67	3.45	2.40	1.54	0.70	0.36
1.80	55.10	33.70	19.10	8.70	3.55	2.45	1.60	0.72	0.37
1.75	60.00	39.00	23.00	8.83	3.69	2.54	1.63	0.74	0.37
1.70	61.00	39.50	23.30						
1.67	62.00	40.10	24.10						
1.60	63.00	40.70	24.60						

Note: Above ratings conform to IEEE-485 standards.



BATTERY	DIMENSIONS				WEIGHT
	A	B	C	D	
U1HR1500S	7.712 (195.9)	5.182 (131.6)	7.180 (182.4)	6.180 (157.0)	24.0 (10.9)

Chart contains dimensions in inches over millimeters and pounds over kilograms.



Part Number: **U1HR1500S**
Standard: Black Cover, Grey Case



RECYCLE
QUALITY SYSTEM
CERTIFIED TO
ISO 9001
QS 9000



UL Recognized Component

EAST PENN manufacturing co., inc.

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