

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 approved.

Specifications

NOMINAL VOLTAGE: 12-Volt
FLOAT CHARGE VOLTAGE: 13.50 @ 77°F (25°C)
EQUALIZE CHARGE VOLTAGE: 13.8
OPERATING TEMPERATURE: 50° to 95°F (10°C to 35°C)
TERMINAL: Lead terminal with 1/4 x 20 brass inserts
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

DATA SHEET FOR PART NUMBER:
45HR2000S



Standard: Black Cover, Grey Case

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

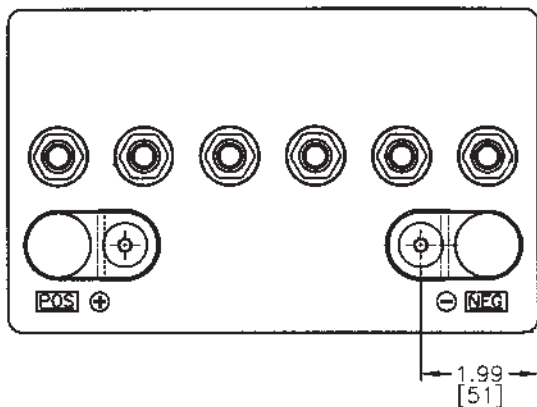
Volts Per Cell (V.P.C.)	1 Min.	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.	40 Min.	50 Min.	60 Min.
1.90	258	169	138	121	109	85	70	60	53
1.85	268	203	162	134	118	95	78	67	57
1.80	289	217	179	144	124	98	82	71	60
1.75	308	285	194	150	126	99	83	72	60
1.70	309	286	197	154	130	102	84	72	61
1.67	310	288	204	156	133	103	85	73	63
1.60	313	289	214	160	136	104	85	74	63

Note: Above ratings conform to IEEE-485 standards.

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

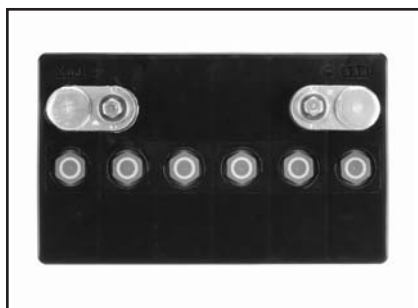
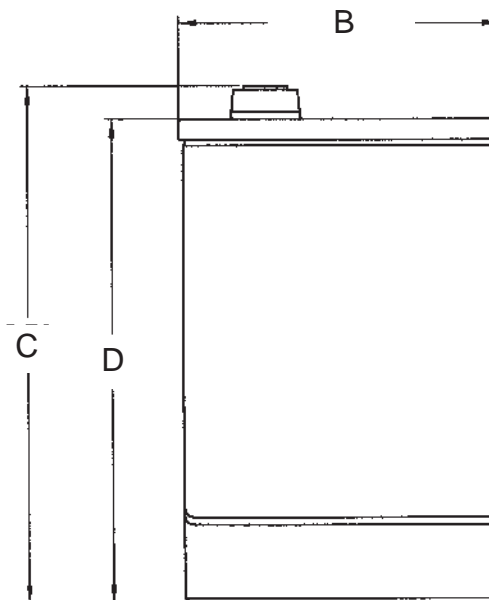
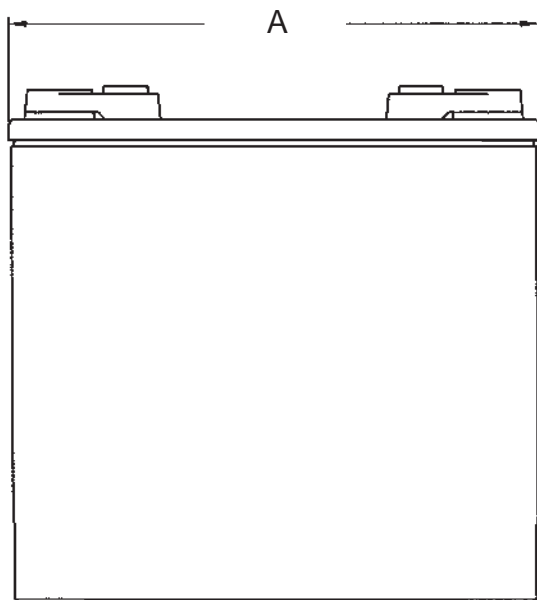
Volts Per Cell (V.P.C.)	15 Min.	30 Min.	60 Min.	3 Hrs.	8 Hrs.	12 Hrs.	20 Hrs.	48 Hrs.	100 Hrs.
1.90	62.20	43.90	28.00	12.65	5.56	3.84	2.40	1.10	0.57
1.85	68.40	48.20	30.60	13.58	5.75	3.93	2.46	1.13	0.60
1.80	74.50	50.10	32.40	14.25	6.04	4.21	2.65	1.18	0.60
1.75	78.90	51.10	33.00	15.00	6.25	4.36	2.75	1.25	0.63
1.70	82.60	52.00	33.70						
1.67	84.30	53.20	34.20						
1.60	86.70	54.10	34.80						

Note: Above ratings conform to IEEE-485 standards.



BATTERY	DIMENSIONS				WEIGHT
	A	B	C	D	
45HR2000S	8.84 (225.0)	5.31 (135.0)	8.70 (221.0)	8.14 (206.8)	38.5 (17.5)

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



Part Number: **45HR2000S**
Standard: Black Cover, Grey Case



QUALITY SYSTEM
CERTIFIED TO
ISO 9001
ISO/TS 16949



MK Battery

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