

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



* Delete "S" in part number for flame retardant (24HR3000)
Standard: Black Cover, Grey Case
Flame Retardant: Charcoal Cover and Case

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

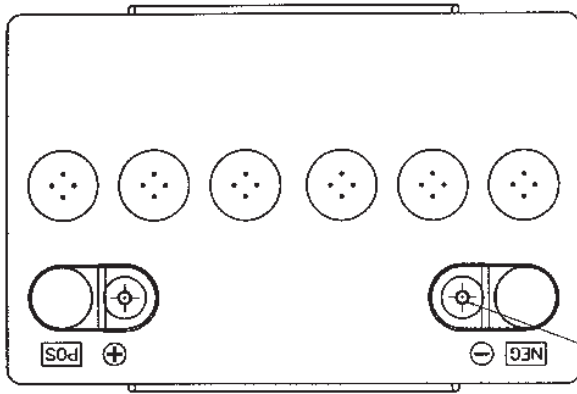
Volts Per Cell (V.P.C.)	1 Min.	5 Min.	10 Min.	15 Min.	20 Min.	30 Min.	40 Min.	50 Min.	60 Min.
1.90	334	274	217	174	157	132	108	89	77
1.85	427	320	255	197	169	137	110	93	82
1.80	495	372	287	226	195	146	118	99	87
1.75	552	400	304	243	202	156	126	106	94
1.70	600	449	321	254	209	157	128	108	86
1.67	612	460	328	262	212	159	129	110	99
1.60	716	502	352	265	227	160	131	111	103

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	91.00	67.10	39.00	18.60	8.00	5.30	3.55	1.62	0.84
1.85	104.00	71.60	42.50	20.30	8.40	5.60	3.79	1.69	0.87
1.80	119.90	77.90	46.10	21.00	8.70	5.80	3.91	1.77	0.89
1.75	130.00	85.00	50.50	21.70	9.00	6.00	3.95	1.80	0.91
1.70	136.00	85.90	51.80						
1.67	140.00	86.80	52.40						
1.60	142.20	87.70	52.80						

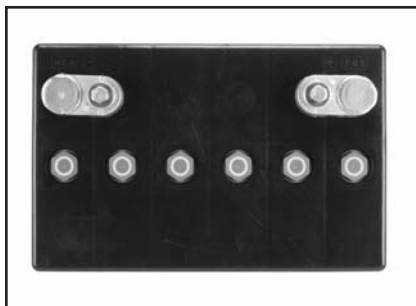
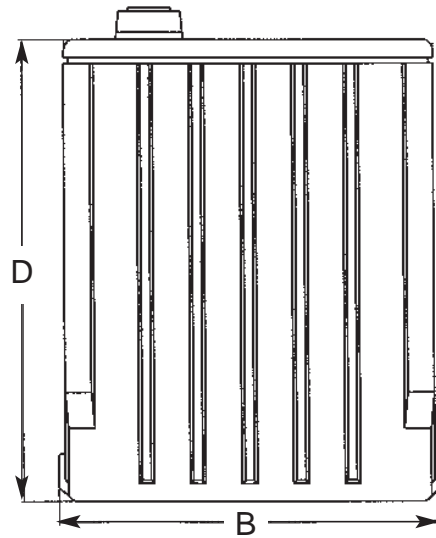
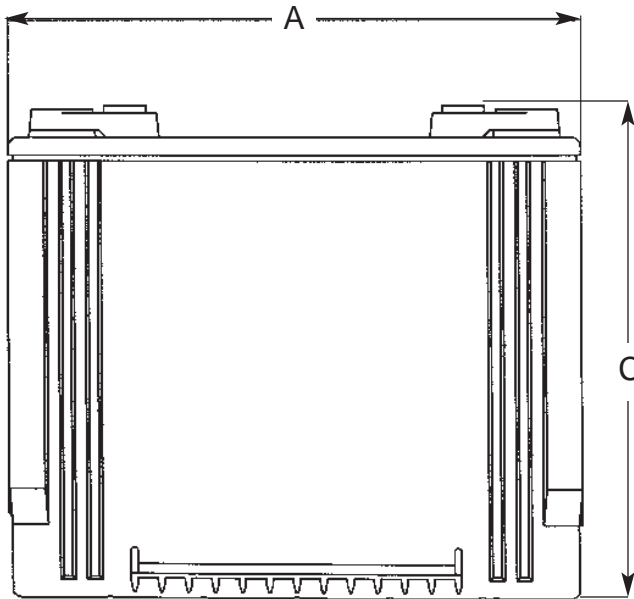
Note: Above ratings conform to IEEE-485 standards.



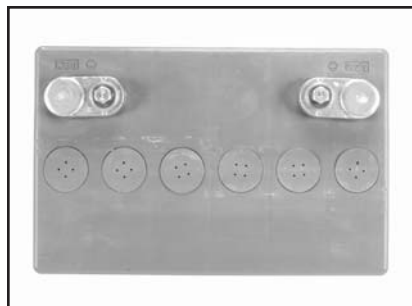
BATTERY	DIMENSIONS				WEIGHT
	A	B	C	D	
24HR3000S	10.202 (259.1)	6.800 (172.7)	9.138 (232.1)	8.115 (206.1)	53 (24)

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

1/4 - 20 x .25 DEEP THREADED INSERT



Part Number: **24HR3000S**
Standard: Black Cover, Grey Case



Part Number: **24HR3000**
Flame Retardant: Charcoal Cover and Case



QUALITY SYSTEM
CERTIFIED TO
ISO 9001
ISO/TS 16949



MK Battery

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