

DCM0035L

Technical Specifications

Nominal Voltage	12V
Nominal Capacity	35Ah (20 Hr Rate to 1.75V/cell)
Chemistry	Lead Acid -AGM

Physical Specifications

Length	195mm	7.68in
Width	130mm	5.12in
Height	164mm	6.46in
Height w/Terminal	180mm	7.09in
Weight (+/- 5%)	10.4Kg	22.9bs
Terminal Type	INSERT TERMINALS	
Case Material	ABS	

Charging Specifications

Charge Voltage	Battery	Per Cell
Float	13.5V~13.8V	2.25V~2.30V
Cycle	14.4V~15.0V	2.40V~2.50V
Max. Charge Current	9.9A	

Capacity Specifications

5 Second Discharge Current	495A	
Self Discharge (to 80% capacity)	3 Months	91%
	6 Months	82%
	12 Months	64%
Internal Resistance	11mΩ(25°C)	

Temperature Specifications

Operating Temperature Capability -40° F (-40° C) to 140° F (60° C)

Recommended parameters for optimal battery life and performance:

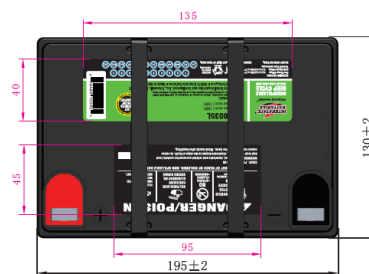
Charging: 32° F to 104° F (0° C to 50° C), Discharging: 5° F to 122° F (-15° to 50° C),

Storage: 50° to 77° F (10° C to 25° C)

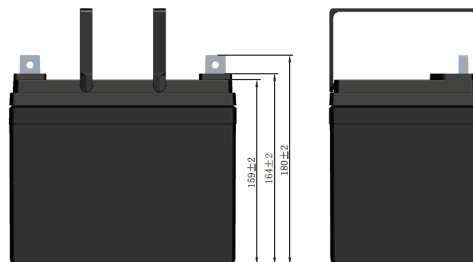


FEATURES:

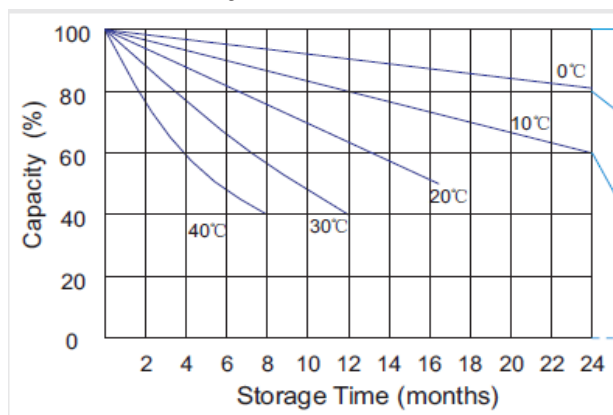
- Long life for deep discharge uses
- Ideal for applications using major capacity prior to recharging
- Depth of discharge should be between 50% & 80% and recharged as soon as possible
- Flexibility of mounting orientation
- VRLA technology to eliminate spills and over-pressurization
- Maintenance-free



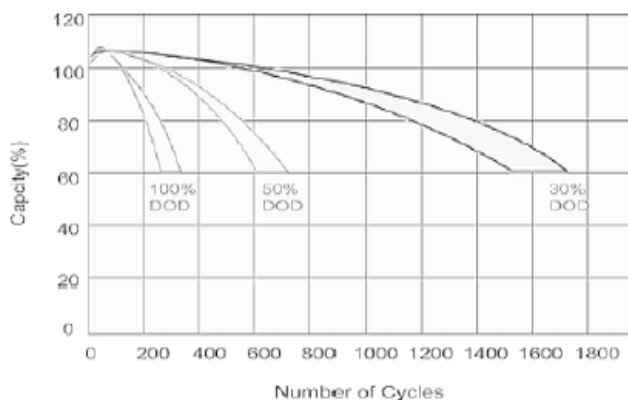
FOR REFERENCE ONLY
HANDLE TRUE TO PHOTO ABOVE



Storage Characteristics



Cycle Life of Deep Cycle



Constant Current Discharge Characteristics: A (25°C)

F.V/Time	5 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.85V/cell	42.00	26.00	16.50	7.63	5.26	3.12	1.75
1.80V/cell	51.70	28.90	18.50	8.28	5.64	3.30	1.77
1.75V/cell	60.00	31.20	19.30	8.60	5.83	3.33	1.79
1.70V/cell	64.70	32.70	19.09.00	8.83	5.93	3.37	1.82
1.67V/cell	69.90	34.00	20.60	9.08	6.10	3.44	1.84
1.60V/cell	75.60	35.60	21.30	9.27	6.24	3.47	1.85

Constant Power Discharge Characteristics: W (25°C)

F.V/Time	5 min	30 min	1 hr	3 hr	5 hr	10 hr	20 hr
1.85V/cell	78.30	50.00	32.00	14.90	10.30	6.17	3.51
1.80V/cell	95.10	54.90	35.60	16.10	11.00	6.53	3.53
1.75V/cell	109.10	59.00	37.10	16.70	11.40	6.59	3.56
1.70V/cell	116.10	61.60	38.20	17.10	11.60	6.65	3.63
1.67V/cell	124.40	63.70	39.30	17.50	11.90	6.78	3.67
1.60V/cell	132.40	66.10	40.40	17.80	12.10	6.85	3.68



DCM0035L COMPATIBLE FITS*

**This is a general list of devices, additional devices may be compatible.*

**These applications are general fitments only.*

OEM	MODEL	NAME
AMIGO MOBILITY	EXT350	EXT350
AMIGO MOBILITY	HD450	HD450
AMIGO MOBILITY	SMART SHOPPER	SMART SHOPPER
AMIGO MOBILITY	VALUE SHOPPER	VALUE SHOPPER
AMSTRON POWER SOLUTIONS	AP12-33EV	AP12-33EV
BATTERIES PLUS	SLADC12-35J	SLADC12-35J
BEST TECHNOLOGIES	BA12	BA12
BEST TECHNOLOGIES	BA41	BA41
BEST TECHNOLOGIES	BA45	BA45
BEST TECHNOLOGIES	BA53	BA53
BEST TECHNOLOGIES	BAT0053	BAT0053
BEST TECHNOLOGIES	BAT0065	BAT0065
BEST TECHNOLOGIES	BATA012	BATA012
BEST TECHNOLOGIES	BATA041	BATA041
BEST TECHNOLOGIES	BATA045	BATA045
BEST TECHNOLOGIES	BATA053	BATA053
C&D BATTERIES	LS1225	LS1225
CAREFUSION	LTV-950	LTV950 TRANSPORTER
CSB BATTERY OF AMERICA	EVH12390	EVH12390
CSB BATTERY OF AMERICA	EVX12340	EVX12340
DRIVE MEDICAL DESIGN	LB18CS	TITAN
DUAL LITE	100BVC	100BVC
DUAL LITE	12EDCX100BVC	12EDCX100BVC
DUAL LITE	12EDX100BVC	12EDX100BVC
DUAL LITE	DEDA	DEDA
DURACELL	DURD12-35J	
DURACELL	SLADC12-35J	
DYNASTY BATTERIES	GC12V45BS	GC12V45BS
DYNASTY BATTERIES	UPS12-95	UPS12-95
ELECTRIC MOBILITY SCOOTERS	RASCAL 300	RASCAL 300
ELECTRIC MOBILITY SCOOTERS	RASCAL 312	RASCAL 312
ELECTRIC MOBILITY SCOOTERS	RASCAL 314	RASCAL 314
ELECTRIC MOBILITY SCOOTERS	RASCAL 318	RASCAL 318
ELECTRIC MOBILITY SCOOTERS	RASCAL 326	RASCAL 326
ELECTRIC MOBILITY SCOOTERS	RASCAL 330	RASCAL 330
LEOCH	LPG12-31	LPG12-31

MK BATTERY	MU-1 SLD G	MU1SLDG
NEWTON SCOOTERS	AGM1234T	AGM1234T
NEWTON SCOOTERS	ELAN	ELAN
NEWTON SCOOTERS	LARK 4300	LARK 4300
NORTH SUPPLY	782379	782379
	1000 OXY POWER SYSTEM	1000 OXY POWER SYSTEM
OHIO MEDICAL PRODUCTS	INFANT WARMER	INFANT WARMER
	3300 INFANT WARMER	3300 INFANT WARMER
OHIO MEDICAL PRODUCTS	AUXILIARY BATTERY	AUXILIARY BATTERY
OHMEDA	3300	3300 INFANT WARMER
OHMEDA	1000	OXY POWER SYSTEM 1000
ORTHO KINETICS	AGM1234T	AGM1234T
OSI BATTERIES - OHLIN	8AU1H	8AU1H
OSI BATTERIES - OHLIN	8GU1H	8GU1H
POWER BATTERY	PRC1230X	PRC1230X
POWER BATTERY	PRC1235X	PRC1235X
POWER RITE	PRB1233	PRB1233
POWER STAR BATTERIES	PS3312D	PS3312D
POWERCELL	PC12340	PC12340
POWERSONIC	PDC-12350 NB	PDC-12350 NB
POWERTRON	PS12330	PS12330
PRIDE MOBILITY SCOOTERS	AGM1234T	AGM1234T
PRIDE MOBILITY SCOOTERS	PARTNER TRI WHEELER	PARTNER TRI-WHEELER
PRIDE MOBILITY SCOOTERS	QUANTUM DYNAMO 1107	QUANTUM DYNAMO 1107
PRIDE MOBILITY SCOOTERS	REVO 4	REVO 4
PRIDE MOBILITY SCOOTERS	SC300	SC300
PRIDE MOBILITY SCOOTERS	SC340	SC340
PRIDE MOBILITY SCOOTERS	SHOPRIDER TRI WHEELER	SHOPRIDER TRI-WHEELER
PRIDE MOBILITY SCOOTERS	SHUTTLE	SHUTTLE
PRIDE MOBILITY SCOOTERS	SHUTTLE TRI WHEELER	SHUTTLE TRI-WHEELER
PRIDE MOBILITY SCOOTERS	SIDEKICK TRI WHEELER	SIDEKICK TRI-WHEELER
PRIDE MOBILITY SCOOTERS	VICTORY	VICTORY
PYROTRONICS	175083897	175083897
QUANTUM	ES3012	ES3012
QUICKIE	AGM1234T	AGM1234T
R&D BATTERIES	5395	5395
RAZOR SCOOTERS	AGM1234T	AGM1234T
RAZOR SCOOTERS	SOLO	SOLO
SBS	S12310	S12310
SBS	S12330	S12330
SCOOTER	TSS300	JAZZY SELECT ELITE TSS300
SHEPARD MEYRA WHEELCHAIRS	1986	1986
SHEPARD MEYRA WHEELCHAIRS	3400	3400
SHEPARD MEYRA WHEELCHAIRS	967	967
SLA SIZES	12V35	12V 35AH SLA FAMILY U1
SONNENSCHNEID	890625	890625
SONNENSCHNEID	12V32AH	12V32AH

SONNENSCHNEIN	6KX44	6KX44
SONNENSCHNEIN	95625	95625
SONNENSCHNEIN	A212/28G6	A212/28G6
SONNENSCHNEIN	A212/32G	A212/32G
SONNENSCHNEIN	A212/36A	A212/36A
SONNENSCHNEIN	A212/36G6	A212/36G6
SONNENSCHNEIN	A212/36Z	A212/36Z
SONNENSCHNEIN	A512/30G6	A512/30G6
SONNENSCHNEIN	DF45	DF45
SONNENSCHNEIN	GF1233YG2	GF1233YG2
SONNENSCHNEIN	M84001A5120300G6	M84001A5120300G6
SONNENSCHNEIN	NGA5120030HSOBA	NGA5120030HSOBA
SONNENSCHNEIN	PS12330	PS12330
Standards	MOBILITY	MOBILITY
SUNTECH	INDIGO 3	INDIGO III
SUNTECH	INDIGO 4	INDIGO IV
SUNTECH	REGENT 3	REGENT 3 NEW SERIES
SUNTECH	REGENT 4	REGENT 4 NEW SERIES
SUNTECH	SCOOTA	SCOOTA
SUNTECH	SCOOTA BUG	SCOOTA BUG
SUNTECH	STERLING	STERLING
UNIVERSAL BATTERY	UB12330	UB12330
UNIVERSAL BATTERY	UB12350	UB12350
UNIVERSAL BATTERY	UBU1	UBU1
WERKER	WKDC12-35J	WKDC12-35J
YUASA	ES3012	ES3012
YUASA	NPC3012	NPC3012
ZOOM TRANSPORT BEDS/COTS	1040-010-870	1040-010-870
ZOOM TRANSPORT BEDS/COTS	1040030000	ZOOM 1125 DRIVE
ZOOM TRANSPORT BEDS/COTS	PRIME	ZOOM PRIME

CARE FOR YOUR DEEP CYCLE SLA/ AGM BATTERY

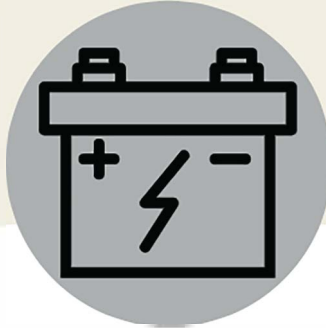
1

CHARGER CHECK

Before charging, confirm the charger is working and is the correct charger for your battery.

- Charger and Battery Voltage must match
 - 12v battery; 12v charger
- The charger's output current should only be 10% of the battery's rated Ah capacity
 - ex: 40Ah battery will only need a 4Ah charger

*Never exceed max charge rate listed on battery

**2**

CHARGE BATTERY

Before storing and immediately after each use, fully charge the battery to prevent sulfation.

- Do not let battery sit in discharged state

*Note, battery should be fully charged before first use

**3**

MAINTENANCE

- Keep terminals clean and tight
- DCM Sealed Lead Acid Batteries are maintenance free. Never attempt to remove the top cover or add fluid. Removing the top cover will damage your battery and void your warranty.

*Applies to DCM / SLA / AGM / VRLA / GEL batteries

**4**

PROLONG BATTERY

Battery Usage: depth of discharge will impact life span of battery (50% - 80% DoD will prolong battery's lifespan vs. continual 100% Depth of Discharge use.)

- Don't allow your stored battery to fall below 6.25 Volts / 12.5 Volts respectively. To help assure of this, perform a top charge on stored batteries every 3-6 months.