

## Rechargeable Lead Acid Batteries

### Sealed Lead Acid



A range of maintenance-free, rechargeable lead acid batteries in varying voltages and capacities.

The unique construction and sealing technique ensures no electrolyte leakage from the core or terminals. The method used for electrolyte suspension enables a maximum amount of electrolyte to be solidly bound in a dry state for providing maximum life and service, either in cyclic or standby operation. Connection is by tab terminals with the exception of those marked with ♦ which have bolt terminals.

May be charged/discharged or stored in any orientation excluding continuous use inverted.

#### Life Expectancy

Standby use: 3 to 5 Years NP Series  
7 to 10 Years NPL Series

#### Charging method (constant voltage 20°C)

Cyclic use: 6V battery 7.2V to 7.5V Standby use: 6V battery 6.9V  
12V battery 14.4V to 15V 12V battery 13.8V

Capacity 20hr. Rate (Ah)	Max. Initial Charge Current (A)	Dimensions			Tab Size/ Bolt Hole	Weight (kg) Approx.	Mftrs. List No.	Order Code
		H*	W	D				
<b>6 Volts</b>								
1.0	0.25	57.5	51.0	42.5	4.7	0.25	NP1-6	146-534
1.2	0.3	57.5	97.0	25.0	4.7	0.31	NP1.2-6	143-564
2.8	0.7	67.0	134.0	34.0	4.7	0.57	NP2.8-6	279-377
4.0	1.0	109.0	70.0	47.0	4.7	0.85	NP4-6	143-566
7.0	1.75	101.0	151.0	34.0	4.7	1.28	NP7-6	152-245
10.0	2.5	101.0	151.0	50.0	4.7	2.20	NP10-6	147-471
12.0	3.0	101.0	151.0	50.0	6.3	2.05	NP12-6	174-774
<b>12 Volts</b>								
1.2	0.3	54.5	97.0	48.0	4.7	0.57	NP1.2-12	147-472
2.0	0.5	89.0	150.0	20.0	4.7	0.70	NP2-12	150-661
2.1	0.5	67.0	178.0	34.0	4.7	0.83	NP2.1-12	279-389
2.3	0.7	67.0	178.0	34.0	4.7	0.94	NP2.3-12	174-786
2.8	0.7	67.0	134.0	67.0	4.7	1.10	NP2.8-12	279-390
3.2	0.8	67.0	134.0	67.0	4.7	1.17	NP3.2-12	174-798
4.0	1.0	106.0	90.0	70.0	4.7	1.57	NP4.0-12	174-804
7.0	1.75	97.5	151.0	65.0	4.7	2.80	NP7-12	151-308
12.0	3.0	97.5	151.0	98.0	6.3	4.00	NP12-12	149-449
17.0	3.8	167.0	181.0	76.0	5.5♦	6.10	NP17-12	627-057
18.0	4.5	167.0	181.0	76.0	5.5♦	6.20	P18-12	174-816
24.0	6.0	125.0	166.0	175.0	5.5♦	8.50	NP24-12	145-408
24.0*	6.0	125.0	166.0	175.0	5.5♦	9.00	NPL24-12	521-681
38.0	9.5	170.0	197.0	165.0	5.5♦	13.80	NP38-12	145-409
38.0*	9.5	170.0	197.0	165.0	5.5♦	14.70	NPL38-12	521-693
65.0	16.25	174.0	350.0	166.0	6.9♦	22.70	NP65-12	147-475
65.0*	16.25	174.0	350.0	166.0	6.9♦	24.00	NPL65-12	521-700

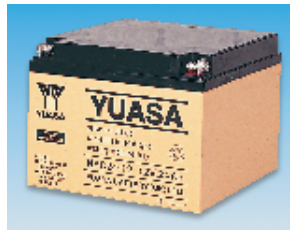
H\* = Height including terminals ♦ = Bolt terminals

BAT33X

Capacity	Price Each						
	Ah	Order Code	1+	5+	25+	50+	100+
<b>6 Volts</b>							
1.0	1.0	146-534					
1.2	1.2	143-564					
2.8	2.8	279-377					
4.0	4.0	143-566					
7.0	7.0	152-245					
10.0	10.0	147-471					
12.0	12.0	174-774					
<b>12 Volts</b>							
1.2	1.2	147-472					
2.0	2.0	150-661					
2.1	2.1	279-389					
2.3	2.3	174-786					
2.8	2.8	279-390					
3.2	3.2	174-798					
4.0	4.0	174-804					
7.0	7.0	151-308					
12.0	12.0	149-449					
17.0	17.0	627-057					
18.0	18.0	174-816					
24.0	24.0	145-408					
24.0*	24.0*	521-681					
38.0	38.0	145-409					
38.0*	38.0*	521-693					
65.0	65.0	147-475					
65.0*	65.0*	521-700					

\*7 to 10 Year Standby life expectancy

### 12 Volt Sealed Lead Acid Deep Discharge, Cyclic



Rechargeable maintenance-free lead acid batteries with excellent deep discharge recovery during cyclic applications. May be charged/discharged or stored in any orientation excluding continuous use inverted. Ideally suited to applications including, automatic guided vehicles, communications equipment, electric tools, wheelchairs, trolleys, etc.

Operating temperature -15°C to +50°C

Charge voltage 14.4V to 15V dc

Capacity 20hr. Rate (Ah)	Max. Initial Charge Current (A)	Dimensions			Bolt Hole	Weight (kg) Approx.	Mftrs. List No.	Order Code
		H	W	D				
17	3.8	167	76	181	5.5	6.1	NPC17-12	627-069
24	6.0	125	168	175	5.3	9.0	NPC24-12	249-683
38	9.5	170	197	165	5.5	14.2	NPC38-12	249-695

BAT53X

Capacity	Ah	Order Code	Price Each				
			1+	10+	25+	50+	100+
17	17	627-069					
24	24	249-683					
38	38	249-695					

### Sealed Gel Lead Acid – A500 Dryfit



Maintenance-free, rechargeable lead acid batteries with a unique thixotropic gel electrolyte and flat plate electrode construction. Designed for use in stand-by/float applications and cyclic.

Operating temperature -20°C to +50°C

Charging method (constant voltage 20°C)

Cyclic use: 6V battery 7.2V to 7.35V Standby use: 6V battery 6.9V to 7.05V  
12V battery 14.4V to 14.7V 12V battery 13.8V to 14.1V

Maximum charge current 0.5A/Ah

Capacity 20hr. Rate (Ah)	Max. Discharge Current (A)	Dimensions			Tab Size/ Bolt Hole	Weight (kg) Approx.	Mftrs. List No.	Order Code
		H*	W	D				
<b>6 Volts</b>								
1.2	40	54.9	97.3	25.5	4.8	0.3	A506/1.2S	463-360
3.5	60	64.4	134.5	34.8	4.8	0.7	A506/3.5S	463-371
6.5	80	98.4	152.0	34.5	4.8	1.3	A506/6.5S	463-383
10.0	80	98.4	152.0	50.5	4.8	2.1	A506/10.0S	463-395
<b>12 Volts</b>								
1.2	40	54.9	97.5	49.5	4.8	0.65	A512/1.2S	463-401
2.0	40	64.4	178.5	34.1	4.8	1.0	A512/2.0S	463-413
3.5	60	64.4	134.0	66.3	4.8	1.5	A512/3.5S	463-425
6.5	80	98.4	152.0	65.5	4.8	2.6	A512/6.5S	463-437
10.0	80	98.4	152.0	98.8	4.8	4.1	A512/10.0S	463-449
16.0	200	167.0	181.0	76.0	5.0♦	6.8	A512/16.0G	463-450
25.0	200	126.0	176.0	167.0	5.0♦	9.6	A512/25G	463-462
30.0	400	181.0	197.0	132.0	6.0♦	11.7	A512/30G	463-474
40.0	400	175.0	210.0	175.0	6.0♦	14.8	A512/40G	463-486
65.0	440	190.0	381.0	175.0	6.0♦	25.0	A512/65G	463-498

H\* = Height including terminals ♦ = Bolt terminals

BAT66X

Capacity	Price Each					
	Ah	Order Code	1+	10+	25+	100+
<b>6 Volts</b>						
1.2	1.2	463-360				
3.5	3.5	463-371				
6.5	6.5	463-383				
10.0	10.0	463-395				
<b>12 Volts</b>						
1.2	1.2	463-401				
2.0	2.0	463-413				
3.5	3.5	463-425				
6.5	6.5	463-437				
10.0	10.0	463-449				
16.0	16.0	463-450				
25.0	25.0	463-462				
30.0	30.0	463-474				
40.0	40.0	463-486				
65.0	65.0	463-498				

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