



We offer a reliable line of batteries that are perfect for solar power applications.

Rahimafrooz manufactures tubular, deep-cycle solar batteries for renewable energy systems. We are a proud pioneering partner of the Renewable Energy Movement in Bangladesh. As part of this movement, over 1.7 million homes have had solar homes systems installed over 25 years, leading to the Renewable Energy Movement being considered as one of the most successful models of off-grid solar energy solutions in the world.

## Key product features

- Excellent cycling ability provides high reliability and exceptional long-life
- High tolerance to water loss and minimal maintenance
- Low internal resistance
- High charging efficiency
- Low self-discharge, pre-charged plates
- Robust, rugged construction ensures mechanical durability
- High performing, specialized pasting recipe and separator arrangement provides minimal chance of active material shedding
- User friendly and rigid handle arrangement

## Tubular Technology

SL. No.	Battery type	Volt	AH@10HR	Dimension (mm)				Weight (+/-5%) Kg	
				L	W	H	Total Height	Dry	With Acid
1	RE20	12V	20AH	276	173	213	251	6.10	13.00
2	RE30	12V	30AH	276	173	213	251	7.70	14.30
3	RE35	12V	35AH	276	173	213	251	10.10	16.20
4	RE40	12V	40AH	303	171	203	241	10.30	16.90
5	RE45	12V	45AH	276	173	213	251	12.30	18.30
6	RE51	12V	51AH	303	171	203	241	13.20	20.00
7	RE55+	12V	55AH	367	176	290	328	13.40	26.50
8	RE60	12V	60AH	413	177	213	253	15.20	24.20
9	RE80	12V	80AH	367	176	290	328	17.50	28.20
10	RE100	12V	100AH	367	176	290	328	22.10	31.60
11	RE130	12V	130AH	519	276	216	258	27.00	43.90
12	RE100T	12V	100AH	500	187	362	372	26.00	48.40
13	RE130T	12V	130AH	500	187	417	427	27.20	54.70
14	RE150T	12V	150AH	500	187	417	427	28.70	56.50
15	RE175T	12V	175AH	500	187	417	427	35.90	60.30
16	RE200T	12V	200AH	500	187	417	427	38.00	62.00





## Low Maintenance Technology

### EXTREME PLUS

Battery Type	Case Type	Designed life	Capacity AH@C20	Dimension (mm)			Filled Weight (Kg)
				L	W	H	
EP 600	N50/D26	1800 Cycles @ 50% DOD	65	259	173	225	18.2
EP 800	N70/D31		85	306	173	225	23.2
EP 1100	N120/F51		100	506	182	250	35.0
EP 1350	N150/G51		120	506	221	248	41.5
EP 1700	N200/H52		150	518	274	248	51.5
EP 2250	N200/H52		200	518	274	248	60.0

### EXTREME

Battery Type	Case Type	Designed life	Capacity AH@C20	Dimension (mm)			Filled Weight (Kg)
				L	W	H	
E 110	N120/F51	1200 Cycles @ 50% DOD	100	506	182	250	32.0
E 135	N150/G51		120	506	221	248	38.5
E 170	N200/H52		150	518	274	248	48.0
E 200	N200/H52		180	518	274	248	54.2
E 225	N200/H52		200	518	274	248	57.0



**Extreme Long Life**



**INVA**



**DEEP CYCLE BATTERY**



**CHARACTERISTIC GRAPHS: (TUBULAR)**

