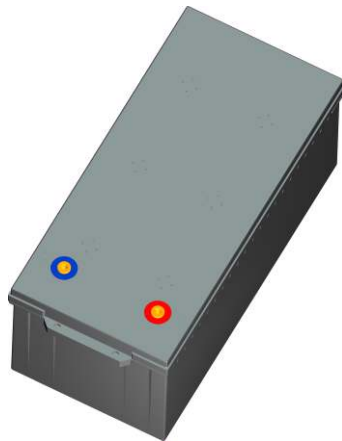
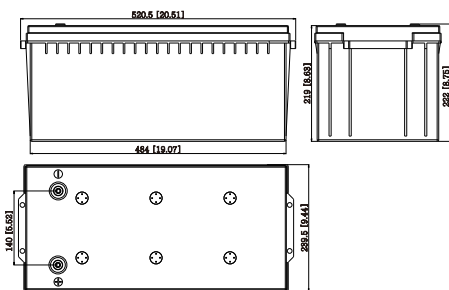


Solar series

Solar12-200



■ Dimensions



■ Feature

High strength ABS container
 AGM VRLA sealed technology
 Polymer gel electrolyte technology
 Flat paste plate

■ Application

Solar system
 UPS system
 Electric system
 Cable television system

■ Specifications

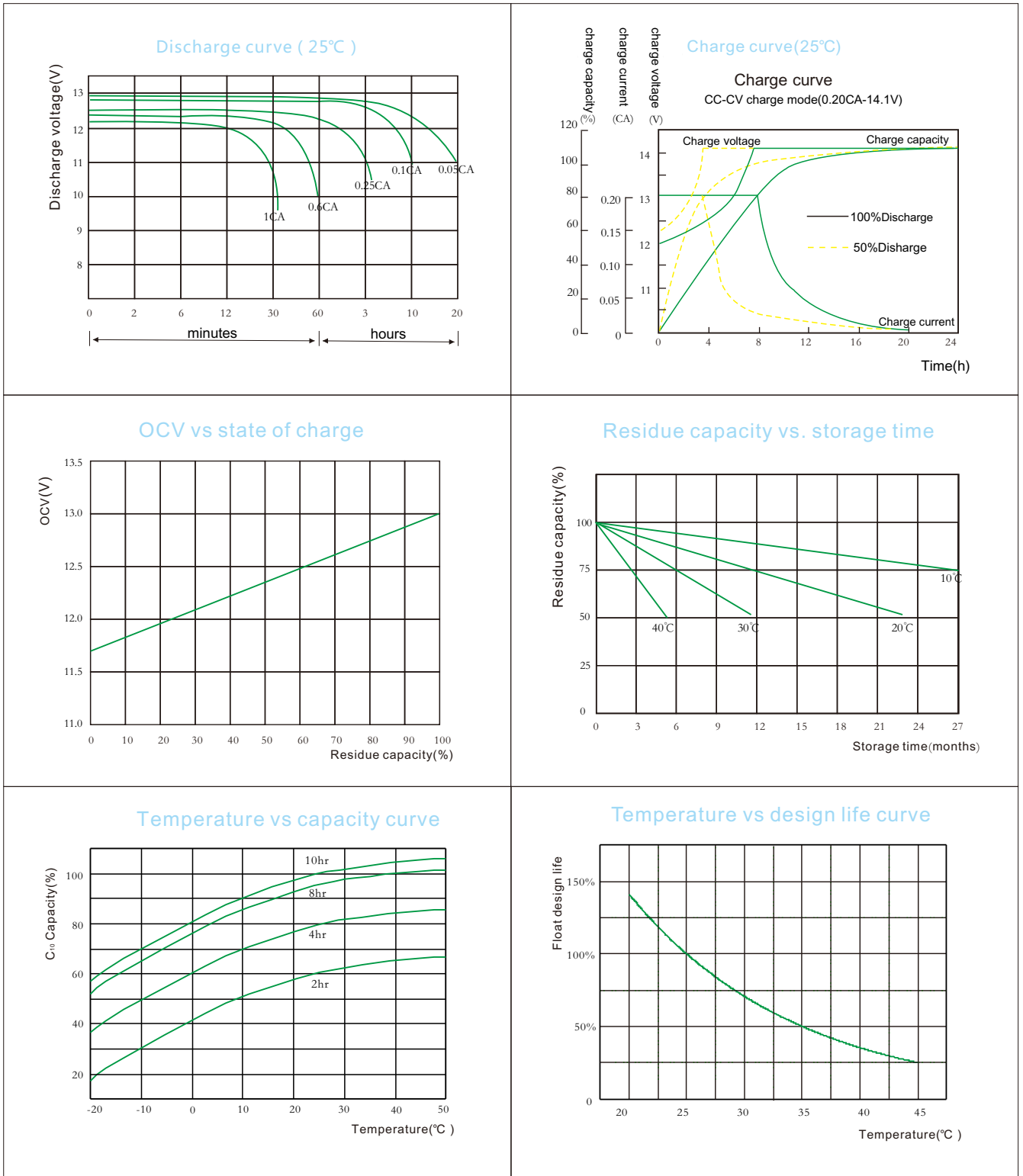
Nominal voltage	12V
Nominal capacity	200Ah(20h rated, 1.75V/cell, 25°C)
Weight	60kg
Internal resistance	Approx. 3.78mΩ
Operation temp.	Discharge: -40°C~50°C Charge: -20°C~50°C Storage: -20°C~40°C
Optimum temperature	15°C~25°C
Float charge	2.27V/cell (25°C)
Max. charge current	50A
Equalization charge	2.35V~2.40V/cell (25°C)
Self discharge	Residue capacity above 87% after 90 days storage at 25°C
Terminal	M8
Container material	ABS

Constant current discharge data (A, 25°C)

End voltage / cell	5min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	524	320	207	157	129	79.8	58.4	46.4	38.4	32.9	25.6	18.8	16.0	10.1	8.54
1.67V	498	305	203	156	128	79.5	58.4	46.2	38.2	32.6	25.3	18.6	15.8	10.0	8.46
1.70V	470	299	201	155	128	79.4	58.4	46.2	38.2	32.7	25.4	18.6	15.8	10.0	8.50
1.75V	432	282	193	151	126	78.8	58.2	45.9	38.0	32.5	25.3	18.6	15.8	10.0	8.45
1.80V	398	261	183	144	121	76.8	56.8	45.1	37.5	32.2	25.1	18.5	15.7	9.88	8.36
1.83V	342	248	178	142	119	75.7	55.6	44.1	36.6	31.4	24.5	18.0	15.3	9.66	8.20
1.85V	320	240	174	138	116	73.4	54.4	43.2	35.9	30.8	24.1	17.7	15.1	9.56	8.11

Constant power discharge data (W/cell, 25°C)

End voltage / cell	5min	15min	30min	45min	1h	2h	3h	4h	5h	6h	8h	10h	12h	20h	24h
1.60V	842	579	388	301	249	154	113	90.4	75.6	65.1	51.2	37.8	32.3	20.6	17.4
1.67V	835	563	385	301	249	154	113	90.2	75.3	64.7	50.8	37.5	32.0	20.4	17.3
1.70V	804	554	382	299	248	154	113	90.2	75.3	64.8	50.9	37.5	32.0	20.4	17.3
1.75V	751	530	370	292	244	153	113	90.2	75.4	64.9	51.0	37.6	32.1	20.4	17.3
1.80V	722	493	352	280	235	150	111	89.3	74.8	64.5	50.7	37.4	31.9	20.2	17.1
1.83V	625	471	345	277	233	148	109	87.3	72.9	62.7	49.2	36.3	31.0	19.7	16.7
1.85V	591	456	336	271	228	145	107	85.4	71.3	61.4	48.1	35.5	30.3	19.2	16.3



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