


Advantages

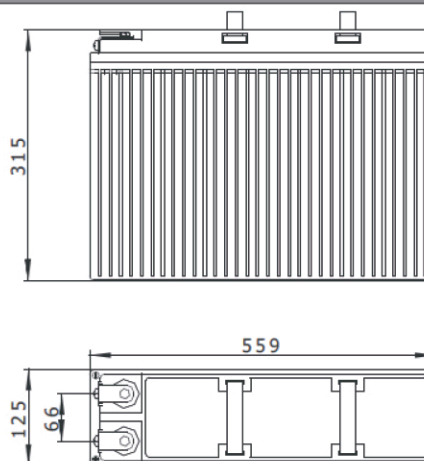
- High level of reliability and stability of parameters
- High charge rate, low self-discharge
- Long service life

Features

- Corrosion-resistant alloy and plate stamping
- Unique double-sided smearing technology, plate welding and other technologies
- Durable ABS plastic and special assembly technology guarantee normal operation without leaks, geometry changes and tears

Technical specifications

Rated voltage	12 V
Rated capacity	185 Ah
Weight	60 kg
Output Type	M8
Internal resistance	2.8 mΩ
Recommended charging current	27 A
Charging voltage	Floating: 2.23 V/ell Leveling tools: 2.35 V/ell
Operating temperature range	Discharge: -40°C ~ 50°C Charge: -20°C ~ 45°C Keeping: -20°C ~ 40°C
Housing material	ABS/ABS V0 (option)
Service life	15 years

Sizes

Characteristics of a constant-power discharge at 25°C, W/element

Final voltage, V/ell	Discharge time, min											
	5	10	15	20	25	30	60	90	2 h	3 h	6 h	10 h
1.60V	903	810	710	530	470	415	236.4	175.1	141.1	109.1	61.4	37.6
1.67V	877	800	700	526	465	411	232.5	172.5	139.2	107.3	61.1	37.4
1.70V	853	780	680	524	463	408	230.5	170.2	137.1	105.4	59.4	36.4
1.75V	794	730	620	520	460	400	227.5	166.9	136.4	104.3	59.3	36.3
1.80V	746	679	607	431	392	354	221.5	166.1	135.2	104.9	59.1	36.2
1.85V	710	620	550	401	368	335	207.3	160.3	133.3	103.5	57.8	35.4

Characteristics of direct current discharge at 25°C, A

Final voltage, V/ell	Discharge time, min											
	5	10	15	20	25	30	60	90	2 h	3 h	6 h	10 h
1.60V	495	370	351	277	237	213	123.8	83.3	72.4	52.2	30.1	18.9
1.67V	474	361	348	275	228	209	121.4	82.1	71.2	51.4	29.9	18.7
1.70V	463	356	345	273	221	203	120.5	80.9	69.6	50.4	29.8	18.5
1.75V	417	351	323	255	208	194	114.3	77.4	68.4	49.6	29.2	18.3
1.80V	385	342	300	237	190	168	109.5	76.3	67.5	49.5	29.1	18.2
1.85V	365	323	273	215	172	157	101.7	72.1	65.4	48.6	27.7	17.8