POWER SOLID

The Crown of Power Solution

Power Solid Battery
PS-12260-DCR
12V , 26Ah

KE Solar
نیرویی برای فردایی روشن‌تر

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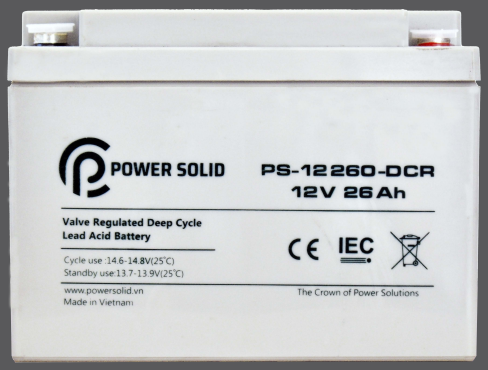
General Features

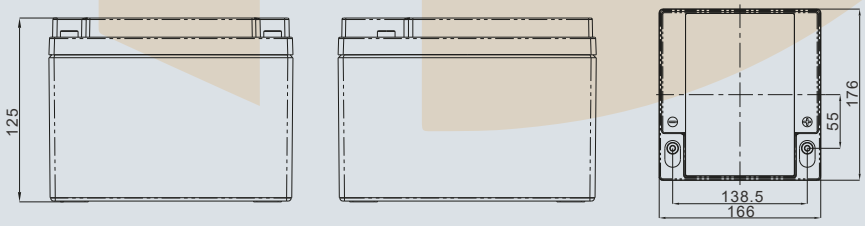
DC (Deep Cycle) series batteries provide superior high integrity and reliability. It is specially designed for frequent cyclic charge and discharging. By using strong grids, thick plate and specially active material are designed for repeated deep-discharg e applications. The DC series batteries offer 30% more cyclic life than the standby series. It is suitable for UPS, solar & wind renewable energy, medical equipment ,telecom system, electric power system, electric vehicles, golf cars And Cable TV etc.

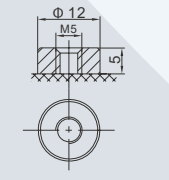


Specification

Cells Per Unit	6
Voltage Per Unit	12V
Capacity	26Ah@20hr-rate to 1.75V per cell @25 ℃
Weight	Approx. 8.1Kg (Tolerance ±5%)
Internal Resistance	≤ 11.5mΩ (Full Charge Condition @25℃)
Terminal	Default F13-BP(M5),F3(M5),T24(M5)Optional
Max. Discharge Current	260A (5 sec)
Design Life	8 years
Max. Charging Current	7.8A
Reference Capacity	C_3 19.5Ah C_5 22.1Ah C_{10} 24.8Ah C_{20} 26.0Ah
Float Charging Voltage	13.6 V~13.8 V @ 25℃ Temperature Compensation: -3mV/℃ /Cell
Cycle Use Voltage	14.6 V~14.8 V @ 25℃ Temperature Compensation: -4mV/℃ /Cell
Operating Temperature Range	Discharge: -20℃ ~60℃ Charge: 0℃ ~50℃ Storage: -20℃ ~60℃
Normal Operating Temperature Range	25℃ ±5℃
Self Discharge	Valve Regulated Lead Acid (VRLA) batteries can be stored for up to 6 months at 25℃ and then recharging is recommended. Monthly Self-discharge ratio is less than 3% at 25℃ .Please charged batteries before using.
Container Material	A.B.S. UL94-HB, UL94-V0 Optional.

Dimensions





F13-BPTERMINAL

Length	166±1.5mm (6.54 inches)
Width	176±1.5mm (6.93 inches)
Height	125±1.5mm (4.92 inches)
Total Height	125±1.5mm (4.92 inches)
Terminal	Value
M5	6~7 N*m
M6	8~10 N*m
M8	10~12 N*m

Unit: mm

Constant Current Discharge Characteristics :A(25℃)

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	63.13	47.99	28.31	15.79	9.404	7.325	5.746	4.888	3.135	2.600	1.347
1.65V	58.15	44.88	26.82	15.25	9.089	7.100	5.574	4.734	3.110	2.575	1.340
1.70V	53.90	42.20	25.43	14.76	8.847	6.800	5.402	4.606	3.061	2.526	1.323
1.75V	49.45	39.53	24.43	14.30	8.507	6.625	5.255	4.478	3.012	2.501	1.300
1.80V	45.00	36.20	23.53	13.66	8.216	6.500	5.132	4.420	2.962	2.476	1.287
1.85V	35.21	29.95	19.95	12.20	7.514	6.050	4.813	4.069	2.789	2.328	1.275

Constant Power Discharge Characteristics : W/Cell (25℃)

F.V/Time	10MIN	15MIN	30MIN	1HR	2HR	3HR	4HR	5HR	8HR	10HR	20HR
1.60V	107.5	83.71	51.45	29.65	17.78	13.91	11.07	9.252	6.109	5.099	2.690
1.65V	103.5	81.39	50.24	29.14	17.30	13.56	10.80	9.002	6.061	5.050	2.666
1.70V	96.61	77.04	47.82	28.28	16.87	13.04	10.46	8.777	5.987	4.952	2.642
1.75V	89.90	72.71	46.15	27.50	16.27	12.72	10.22	8.577	5.890	4.903	2.594
1.80V	82.83	67.22	44.66	26.38	15.90	12.65	10.02	8.461	5.792	4.854	2.570
1.85V	65.70	56.47	38.30	23.69	14.64	11.80	9.429	7.826	5.474	4.584	2.546