

Reserve Power

AccuForce S Batteries



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Valve Regulated Flat Plate AGM Batteries for Cyclic Applications

AccuForce S range is a range of batteries developed for stand-by and solar applications permitting regular deep cyclic use. It is a sealed, maintenance-free energy storage solution that offers significant benefits in terms of performance, reliability and cost per cycle. With automated manufacturing procedures and continuous quality controls, AccuForce S batteries comprise an advanced battery range with a cycle life of approx. 800 cycles at 50% Depth Of Discharge (DOD) and exceptional deep discharge recovery.

Main Applications:

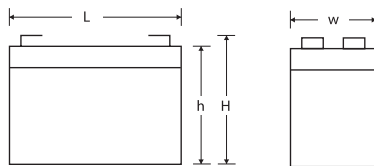
- Solar / Wind power systems • Residential installations • Golf carts and electric powered vehicles • Marine equipment
- Electric wheelchairs • Traffic systems (signaling and lighting) • Power tools and cleaning machines • Uninterruptible power supply (UPS) • Remote monitoring and controlling

Battery Type	Nominal Voltage (V)	Nominal Capacity (Ah) at 25°C		Length (mm)	Width (mm)	Height (h) (mm)	Height (H) (mm)	Typical Weight (kg)	Terminal Position	Terminal Type	Maximum Current (25°C)		Internal Resistance (mOhm)	Short Circuit Current (A)
		100 h (1.85 Vpc)	10 h (1.80 Vpc)								Charging (A)	Discharging (A)		
AccuForce 12 - 35 S	12	35.0	33.0	195	130	155	166	9.5	A	M6/Ø14	10.0	330	10.0	1200
AccuForce 12 - 45 S	12	44.0	40.0	197	165	170	170	12.5	B	M6/Ø14	12.0	400	8.5	1410
AccuForce 12 - 60 S	12	61.0	54.5	229	138	208	211	16.5	A	M6/Ø14	16.5	550	6.5	1800
AccuForce 12 - 75 S	12	72.9	65.0	350	167	179	179	20.4	A	M6/Ø14	20.0	650	6.0	1950
AccuForce 12 - 80 S	12	81.0	75.0	260	168	211	214	22.0	A	M6/Ø14	22.5	750	6.0	2000
AccuForce 12 - 95 S	12	94.0	80.0	260	168	211	214	23.0	A	M6/Ø14	24.0	800	5.5	2500
AccuForce 12 - 115 S	12	116.0	99.0	330	171	214	220	27.5	A	M6/Ø14	30.0	1000	4.8	2650
AccuForce 12 - 140 S	12	140.0	120.0	409	176	225	225	33.5	A	M8/Ø16	36.0	1200	4.0	2950
AccuForce 12 - 175 S	12	174.0	150.0	485	172	240	240	42.8	A	M8/Ø16	45.0	1500	3.5	3400
AccuForce 12 - 230 S	12	230.0	200.0	522	238	218	221	57.5	D	M8/Ø16	60.0	2000	3.0	3800

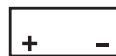
All dimensions and weights shown are subject to manufacturing tolerances

Drawings

Case Dimensions



Terminal Positions



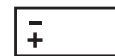
A



B



C

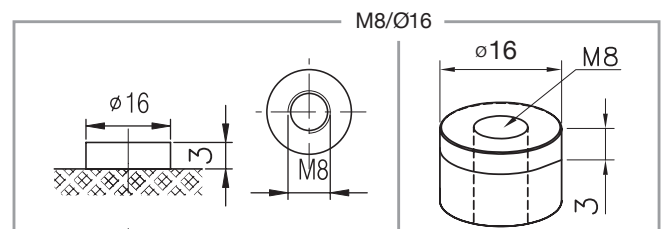
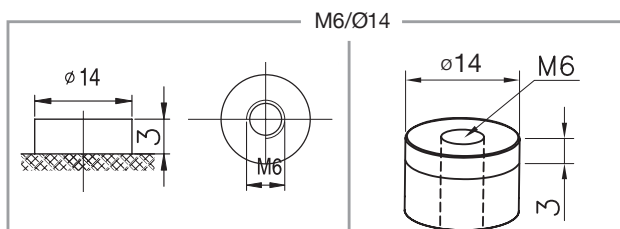


D



E

Terminals



Certified Quality

- "Long Life" according to Eurobat 2015 classification
- Compliant with **IEC 61427** requirements for photovoltaic energy systems
- Tested according to **IEC 60896-21** and fully compliant with **IEC 60896-22** requirements for valve regulated batteries
- Compliant with the safety requirements of **IEC 62485-2** for stationary batteries
- Certified according to **ISO 9001**, **ISO 14001** and **BS OHSAS 18001**

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