

AXESS[®]

P O W E R



SYSTEM WORKS UNINTERRUPTED SMF/VRLA BATTERY



**QUICK
RECHARGE**



**FLEXIBLE
ORIENTATION**



**EXCELLENT CYCLE
PERFORMANCE**



**MAINTENANCE
FREE**



**HIGH-END
APPLICATION**



comieco
Codice Consozietto n°

MADE IN ITALY

AXESS POWER S.r.l

ABOUT US

Axess Power has over a decade of experience as a leading force within the battery industry. Our focus has been the design, manufacture and distribution of innovative battery solutions. The continuous improvement of our engineering processes allows us to develop products with better value and superior performance.

With our professional management and R&D team, the company acquired ISO9001 quality management system, ISO14001 environment management system, and ISO18001 health and safety management system certifications. By conforming to these standards our customers can be confident that our products are safe, Reliable and good for the environment.



TECHNICAL FEATURES



Maintenance Free

No topping up is required



Enhanced Performance

- Computer aided grid design for high power density
- Low self-discharge and long design life
- Lead calcium grid for extended life
- Specially designed vent valves (VRLA)



Ready-to-use

Supplied in factory charged condition



State-of-the-art technology

- Absorbent Glass Mat (AGM) technology
- Acrylonitrile Butadiene Styrene (ABS) container
- Gas combination technology



Eco-friendly

- No emission of corrosive fumes or gases under normal operating conditions.
- Cadmium free



Easy handling & No installation constraints

Compact, easily transportable and can be used in any orientation without leakage or spillage of electrolyte.



Saving in floor space

Compact size to fit in the racks and modules.



User friendly

- Front access design
- Easy Termination
- Can be used in any orientation



Characteristics of battery at 25°C

- Low self-discharge rate: $\leq 2\%$ /month (25°C)
- Long design life: floating life is 5 years (25°C)
- High sealed reaction efficiency: $\geq 98\%$



Design Features

- Operation at a low internal pressure
- Positive and negative plates in lead-calcium-tin alloy
- Superior energy density
- Container available in flame retardant* (UL 94-V0)

CONSTRUCTION

Terminal
(Specially designed for sustained high current damages)

Separator
(Double layer, high density, absorptive glass mat nonwoven with excellent porosity)

Negative Plate
(Lead calcium tin alloy grid providing low corrosion & maintenance free characteristics)





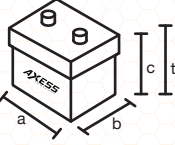

Flame Arresting Vent Plug
housing the safety valve
(Explosion-proof, self resealing and pressure regulating)

Container & Lid made of high grade
Acrylonitrile Butadiene Styrene (ABS)

Positive Plate
(Lead calcium tin alloy grid for low corrosion & low self discharge rates)

TECHNICAL INFORMATION

Advanced SMF / VRLA Battery

AXESS [®] MODEL NUMBER	 V	Ah			 Approx
AP12-3.3	12	3.3	T1/T2	a: 134 b: 67 c: 61 t: 67	1.20
AP12-5	12	5	T1/T2	a: 90 b: 70 c: 101 t: 107	1.65
AP12-7	12	7	T1/T2	a: 151 b: 65 c: 94 t: 100	2.10
AP12-9	12	9	T1/T2	a: 151 b: 65 c: 94 t: 100	2.60
AP12-12	12	12	T1/T2	a: 151 b: 98 c: 95 t: 101	3.40
AP12-18	12	18	T3/T12	a: 181 b: 77 c: 167 t: 167	5.30
AP12-26	12	26	T4/T12	a: 166 b: 175 c: 125 t: 125	7.90
AP12-33	12	33	T14/T6	a: 195 b: 130 c: 155 t: 167	10.00
AP12-42	12	42	T14	a: 197 b: 165 c: 170 t: 170	13.50
AP12-55	12	55	T5/T14	a: 230 b: 138 c: 211 t: 215	17.30
AP12-65	12	65	T5/T14	a: 350 b: 166 c: 179 t: 179	20.40
AP12-75	12	75	T14	a: 260 b: 168 c: 211 t: 215	23.50
AP12-90	12	90	T14	a: 306 b: 169 c: 211 t: 215	27.00
AP12-100	12	100	T16	a: 330 b: 171 c: 214 t: 220	29.50
AP12-120	12	120	T16	a: 409 b: 176 c: 225 t: 225	34.80
AP12-150	12	150	T16	a: 485 b: 172 c: 240 t: 240	41.80
AP12-180	12	180	T16	a: 530 b: 207 c: 214 t: 218	54.00
AP12-200	12	200	T16/T18	a: 522 b: 238 c: 218 t: 222	59.50
AP6-4.5	6	4.5	T1	a: 70 b: 48 c: 101 t: 107	0.76



APPLICATIONS



UPS System



Central Battery System



Fire Alarm & Security System



PAVA & PABX System



ELV System



CCTV & Networking



Elevators & Escalators



Medical Equipment



IT Equipment



Telecommunication System



Power Plants & substations



Railway Signalling



Electrical Vehicles



Process Instrumentation & Control



Geophysical Equipment

Axess Power in the world

Axess power is an internationally recognized leader in the supply of a wide range of industrial batteries and energy storage systems and it has business presence across the world and is on a mission to envelop the world beyond borders.



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