

FIAMM is a leading global supplier of stored energy solutions for standby power applications

FIAMM's product line comprises of sealed (VRLA) and vented (flooded) batteries available in a wide range of capacities and technologies together with ancillary systems to cater for all standby power needs

Standby batteries (or stationary batteries) are used for standby applications to ensure continuous power supply in case of mains or primary power failures or outages. For many critical systems, power loss, even for short periods of time, can result in loss of process control, massive data loss and significant financial liability. Standby batteries are crucial for the continuous operations of telecommunications providers, financial institutions, computer and computer-controlled systems, electrical utilities and many other applications

FIAMM Secure Power Solutions

Range

Technology

Nominal Voltage (V)

Capacity Range (Ah)

Applications

Positive Plate

Negative Plate

Container and Lid

Design Life (in years to 80% nom. Capacity)

EUROBAT Classification

Type of terminals

Floating Voltage per cell (V at 20°C)

Storage time (months) at 20°C

Availability of different sp.gr. (if required)

HIGHLITE

MONOLITE

Range	FG	FGH	FGHL	FGC	FLB	XLB	UMTB	SLA	SMG	PMF	LM	SD-SDH	SGL-SGH
Technology	AGM	AGM	AGM	AGM	AGM	AGM	AGM	AGM	GEL	Vented	Vented	Vented	Vented
Nominal Voltage (V)	6-8-12	12	12	12	12	12	12	2-4-6-12	2	6-12	2	2	2
Capacity Range (Ah)	0.8-200	5-18	5-11	12-42	26-75	82-130	92-160	25-2000	200-3000	25-300	108-3500	80-2320	75-2600
Applications	Emergency & Security	UPS	Telecom	Emergency & Security	UPS	UPS	Telecom	Telecom	Telecom	Emergency & Security	Telecom	UPS	Utilities
				Renewable Energies				Utilities	Emergency & Security	Emergency & Security	Utilities	Utilities	Utilities
				Cyclic				Emergency & Security	Renewable Energies	Renewable Energies	Renewable Energies		
									Cyclic	Cyclic	Cyclic		
Positive Plate	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Tubular	Tubular	Tubular	Pasted	Planté
Negative Plate	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)	Flat (Pasted)
Container and Lid	ABS (FV0 on request)	ABS	ABS (FV0 on request)	ABS	ABS	Polypropylene	ABS FV0	ABS FV0	ABS (FV0 on request)	Polypropylene	SAN	SAN	SAN
Design Life (in years to 80% nom. Capacity)	5	5	9	5	10	10-12	>12	>12	15	15	>15	12-15	25
EUROBAT Classification	Standard Commercial	Standard Commercial	General Purpose	Standard Commercial	High Performance	High Performance	Long Life	Long Life	Long Life	N/A	N/A	N/A	N/A
Type of terminals	various	various	faston 6.3mm	various	female M6	male M8	male M8	various	female M10	flag	female M10	square pillar	female M10
Floating Voltage per cell (V at 20°C)	2.25-2.30	2.25-2.30	2.25-2.30	2.25-2.30	2.27	2.27	2.27	2.27	2.23	2.23	2.23	2.23	2.23
Storage time (months) at 20°C	6	6	6	6	6	6	6	6	6	4	4	4	4
Availability of different sp.gr. (if required)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	Yes	Yes	Yes	Yes