






Industrial Batteries




AGM VRLA				
FG	FGL	FGC	FGH	FGHL
				
AGM VRLA	AGM VRLA	AGM VRLA	AGM VRLA	AGM VRLA
FIAMM AGM batteries have optimized internal gas recombination and are maintenance free without topping up. They are non-spillable, non-hazardous for transportation and 100% recyclable				

- main application
- secondary application

application & usage	high rate UPS				●	●
	telecom					
	emergency, security, signaling & other UPS	●	●		●	●
	IT network & data centers	●			●	●
	industry & process controls		●			
	utilities					
	oil & gas / switchgear					
	leisure, toys & minor traction	●	●	●	●	●
	renewable energy storage	●	●	●		
	designed for use also at elevated temperature					
	unstable grid installation			●		
off-grid installation	●	●	●			
technology & design	positive plate & electrolyte	flat plate electrolyte absorbed	flat plate electrolyte absorbed	flat plate electrolyte absorbed	flat plate electrolyte absorbed	flat plate electrolyte absorbed
	DIN type					
	target discharge profile	15min to 20h discharge	15min to 20h discharge		high rate	high rate
	deep discharge (DIN 43539T5 for VRLA)			✓		
	design life*	5 years	10 years	5 years	5 years	10 years
	maintenance	maintenance free	maintenance free	maintenance free	maintenance free	maintenance free
	Eurobat classification	Standard Commercial 3-5 years	High Performance 10-12 years	Standard Commercial 3-5 years	Standard Commercial 3-5 years	High Performance 10-12 years
	nominal voltage	6V - 12V	12V	12V	12V	12V
	capacity range	0.8 to 70 Ah	27 to 205 Ah	12 to 42 Ah	23 to 65 watts per cell	22 to 48 watts per cell
	design & installation	depending on model: faston, wire+connector or flag	female terminals	depending on model: faston, flag or female	depending on model: faston or flag	faston terminals
	FV0 flame retardant plastics			optional		✓
remote venting						

* in float operation and temperature controlled environment

Industrial Batteries

AGM VRLA		
FLB	SLA	FIT
		
AGM VRLA	AGM VRLA	AGM VRLA
FIAMM AGM batteries have optimized internal gas recombination and are maintenance free without topping up. They are non-spillable, non-hazardous for transportation and 100% recyclable		

- main application
- secondary application

application & usage	high rate UPS	●	●	
	telecom		●	●
	emergency, security, signaling & other UPS	●	●	●
	IT network & data centers	●	●	●
	industry & process controls		●	
	utilities		●	●
	oil & gas / switchgear		●	
	leisure, toys & minor traction			
	renewable energy storage			
	designed for use also at elevated temperature			
	unstable grid installation			
off-grid installation				
technology & design	positive plate & electrolyte	flat plate electrolyte absorbed	flat plate electrolyte absorbed	flat plate electrolyte absorbed
	DIN type			
	target discharge profile	high rate	high rate to long discharge	30min to 10h discharge
	deep discharge (DIN 43539T5 for VRLA)			
	design life*	12 years	>12 years	>12 years
	maintenance	maintenance free	maintenance free	maintenance free
	Eurobat classification	High Performance 10-12 years	Long Life 12 years and longer	Long Life 12 years and longer
	nominal voltage	12V	2V - 4V - 6V - 12V	12V
	capacity range	100 to 700 watts per cell	24 to 2000 Ah	40 to 180 Ah
	design & installation	very high energy density	very high energy density	front terminal for 19" and 23" cabinets
	FV0 flame retardant plastics	✓	✓	✓
remote venting	on selected models		✓	

* in float operation and temperature controlled environment