



# MAINTENANCE FREE GEL BATTERIES

## GEL BATTERIES

Every battery type has its pros and its cons, that's why it's important to use the right battery type for every application!



REF	V	Ah 20h	Ah 5h				KG	QTY/ PALLET	LAYOUT	POLES
				X	Y	H				
DGY6-7,5-MAR	6	8	5.6	150	34	101	1,30	40	B	T1
DGY6-12-MAR	6	12	10	151	50	101	2,00	40	B	T2
DGY6-110-MAR	6	110	85	193	168	205	16,00	32	A	M8
DGY6-160-MAR	6	165	134	298	171	226	26,00	32	A	M8
DGY6-225-MAR	6	180	160	244	190	275	32,20	32	A	A
DGY6-180-MAR	6	180	142	260	180	275	30,10	32	A	A
DGY6-200-MAR	6	200	155	318	170	225	31,00	32	A	M8
DGY6-335-MAR	6	320	280	295	178	350	48,00	24	A	M8
DGY6-420-MAR	6	420		295	178	404	57,5	24	A	UT
DGY8-180-MAR	8	172	140	260	182	298	34,40	32	A	A
DGY12-7.5-MAR	12	7,7	5,6	151	65	101	2,50	40	D	T1
DGY12-13-MAR	12	13,1	9,9	150	97	101	4,00	40	D	T2
DGY12-18-MAR	12	16	13	181	76	167	6,80	40	C	M5
DGY12-26-MAR	12	28	20,7	165	174,5	125	8,80	40	C	M5
DGY12-30D-MAR	12	30	24	197	132	184	11,70	36	B	F
DGY12-33-MAR	12	33	25,5	193,5	130	166,5	10,90	36	B	M6
DGY12-40D-MARS	12	38	30	210	175	175	15,10	36	C	A
DGY12-40D-MAR	12	40	32	210	175	175	13,40	36	C	F
DGY12-44-MAR	12	44	32,9	196	164	170,5	14,00	36	C	M6
DGY12-55-MAR	12	55	44	228	137	207	17,5	36	B	M6
DGY12-60-MAR	12	64	55	260	168	180	21,5	48	C	M6
DGY12-65-MAR	12	65	42,4	275	175	190	21,50	36	C	M6
DGY12-60D-MAR	12	60	48	278	175	190	21,20	36	C	A
DGY12-70J-MAR	12	70	55	350	167	179	22,10	36	B	M6
DGY12-80-MAR	12	80	64	259	168	208	23,00	36	B	M8
DGY12-80D-MAR	12	80	64	353	175	190	26,80	36	C	A
DGY12-85D-MAR	12	85	68	330	171	236	30,00	36	B	A
DGY12-100-MAR	12	100	75	305	168	208	28,40	32	B	M8
DGY12-110-MAR	12	110	85	332	174	213	32,20	32	B	M8
DGY12-110D-MAR	12	110	88	286	269	230	40,00	24	A	A
DGY12-120D-MAR	12	120	96	513	189	223	40,70	24	D	A
DGY12-135-MAR	12	135	96	340	173	300	40,50	24	B	M6
DGY12-140D-MAR	12	143	115	513	223	225	47,80	24	D	A
DGY12-150-MAR	12	150	117	482	170	242	44,30	20	B	M8
DGY12-160-MAR	12	165	140	530	209	214	45,00	20	E	M6
DGY12-170-MAR	12	170		329	173	209	55,00	24	E	UT
DGY12-200-MAR	12	200	155	520	240	220	66,00	12	E	M8
DGY12-225-MAR	12	225	165	521	269	203	69,00	12	E	M8
DGY12-230-MAR	12	230		340	173	309	63,3	24	E	UT
DGY12-210D-MAR	12	210	160	518	291	242	70,00	12	D	A

## AGM ↔ GEL

Every battery type has its pros and its cons, that's why it's important to use the right battery type for every application!

### Advantages of the AGM battery

- lower priced than a GEL battery
- perfect for start & stationary use
- better performances with short duration / high intensity discharge
- a smaller battery size can be used for a high intensity discharge

### Advantages of the GEL battery

- longer lifespan
- recovers totally from deep discharges, even when the battery isn't recharged immediately
- perfect for cyclic use with daily charges/discharges
- perfect performances with long-lasting discharges
- better resistant to higher temperatures
- sulfatation (stratification) is impossible thanks to the gel
- equalization charge isn't necessary
- limited self-discharge
- accepts the charge better thanks to the lower internal resistance
- less chance of short circuit thanks to the strengthened separator
- polymeric separator with glass matt for an increased performance
- resists bad charge characteristics better
- can be discharged, even when she isn't fully charged, without capacity loss
- applicable when mains voltage is instable