

BATTERIA SIGILLATA GEL DEEP-CYCLE (USO CICLICO)
DEEP-CYCLE GEL MAINTENANCE FREE BATTERY

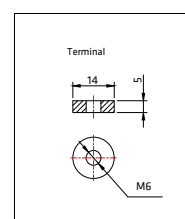
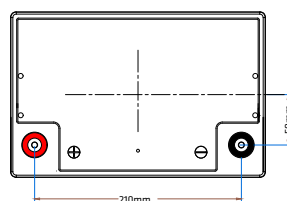
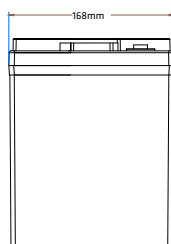
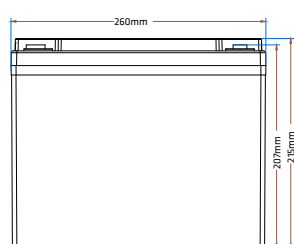
ZGEL120175

**CHARACTERISTIC / CARATTERISTICHE**

Volt		12V
Capacity / Capacità	20h	75Ah
	5h	65Ah
	3h	58Ah
	2h	55Ah
Charge temperature / Temperatura di carica		-10°C / +50°C
Discharge temperature / Temperatura di scarica		-40°C / 50°C
Capacity affected by Temperature / Effetti della temperatura sulla capacità	40°C	106%
	25°C	100%
	0°C	80%
Expected Life Cycles affected by temperature / Effetti della temperatura sui cicli di vita attesi	40°C	60%
	20°C	100%
	0°C	120%
Self-Discharge 25°C Capacity / Autoscarica a 25°C	after 3 month storage	90%
	after 6 month storage	80%
	after 12 month storage	62%
Charge cycle / Ciclo di carica	IU + h	"In" max. 42Amp; "V1" 2.40V/cell
	IUIa	"In" max. 42Amp; "V1" 14.1V; "If" 2Amp.

CHARACTERISTIC / CARATTERISTICHE

Battery dimensions / Dimensioni batteria		
L/L	W/P	MAX - H/A
260	168	215
Box Dimensions / Dimensioni scatola		
L/L	W/P	H/A
-	-	-
USA Group		24
Weight / Peso		23,2 Kg
Terminal / Terminali		M6
Case / Contenitore		ABS
Pallet Qt		48



This information is generally descriptive only and is not intended to make or imply any representation, guarantee or warranty with respect to any cells and batteries. Cell and battery designs/specifications are subject to modification without notice. Contact U.B.S. UNION BATTERY SERVICE for the latest information.

Le informazioni contenute in questa scheda tecnica sono solo descrittive e indicative, non sono una garanzia. U.B.S. UNION BATTERY SERVICE si riserva il diritto di aggiornarle/modificarle senza preavviso.



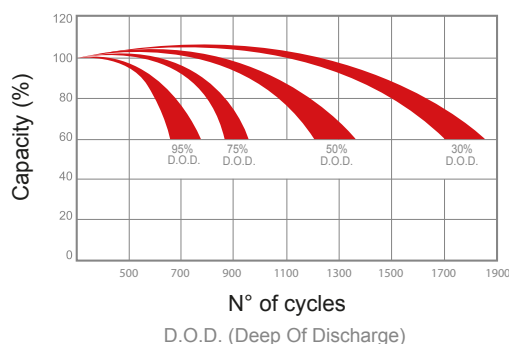
www.unionbatteryservice.it

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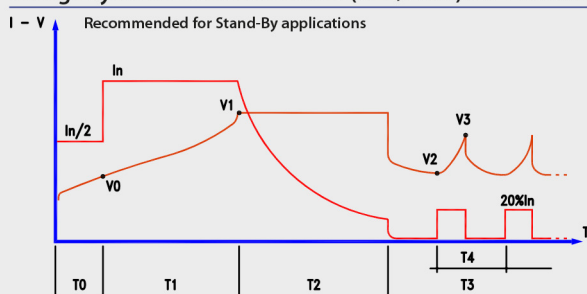
ZGEL120175



Charge cycles (20°C, discharge 5h)



Charge cycle for sealed batteries (GEL/AGM): IU + holding



I_n = PROGRAMMED CAPACITY/10

V_0 = 1,90 V/CELL

V_1 = PROGRAMMED VALUE

V_2 = 2,10 V/CELL

V_3 = 2,30 V/CELL

T_0 = MAX. 1 HR

T_1 = MAX. 12 HRS

T_2 = T_1 (MIN. 2-MAX. 5 HRS)

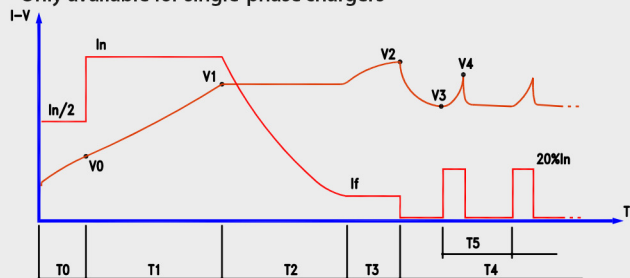
T_3 = UNLIMITED

"IUIa" charge cycle is always recommended in case of more than 2 batteries in series

Ciclo di carica "IUIa" è sempre necessario qualora ci siano più di 2 batterie collegate in serie.

IUIa charge cycle

Only available for single-phase chargers



I_n = PROGRAMMED VALUE (CHARGE I)

I_f = PROGRAMMED VALUE (FINAL I)

V_0 = 1,90 V/CELL

V_1 = PROGRAMMED VALUE (THRESHOLD V)

V_2 = PROGRAMMED VALUE (LOCK V)

V_3 = 2,10 V/CELL

V_4 = 2,30 V/CELL

T_0 = MAX. 1 HR

T_1 = MAX. 12 HRS

T_2 = MAX. $T_1 + 6$ HRS OR $I = I_f$

T_3 = MAX. 4 HRS

T_4 = UNLIMITED

T_5 = MAX. 6 HRS