



CH6



REDUCED ENVIRONMENTAL IMPACT



OPTIMAL BATTERY CHARGE



SILICON CARBIDE TECHNOLOGY EFFICIENCY GREATER THAN 90%



INCREASED BATTERY LIFE



HIGH FREQUENCY CHARGER WITH SIC TECHNOLOGY AND A SW MULTIFUNCTIONAL FOR ALL BATTERY TECHNOLOGIES

The CH6 is a family of high-frequency chargers, with programmable profiles, for any type of battery and ready for Lithium-ion thanks to its CAN bus communication. The protocol on CAN bus can be customized and adapted to that of the battery BMS. There are many protocols developed for the major manufacturers of Batteries and Industrial Machinery

The innovative SiC technology allows very high charging efficiency, at the top of its category

BATTERY CHARGE
Innovation

Ideal for:



MATERIAL HANDLING



FLOOR CARE MACHINES



AERIAL PLATFORMS



SHORT-HAUL VEHICLES



TECHNICAL SPECIFICATIONS

FEATURES

- Single-phase battery charger
- High-frequency switching technology
- SiC (Silicon Carbide) technology achieves a unique efficiency in its class
- Active PFC (Power Factor Corrector) with Power Factor of 0.997
- Programmable via front panel or USB Type A/B port
- Suitable for lead-acid, GEI, AGM and Lithium-Ion batteries, easily configurable for any technology and charging profile
- CAN communication for Lithium batteries
- High efficiency over 90%
- Various configurations available
- Multi-current configuration (possibility to reduce the output current for different capacity sizes)
- Charging curves customizable via software
- Built-in memory of the last 150 cycles
- Memory of the last 20 days of the graphs of the executed charge profiles
- HFView software provided free of charge for programming and downloading data and graphs and for designing charge curves
- Product certified CE, UL, CSA, Inmetro, KC

MAINS VOLTAGES

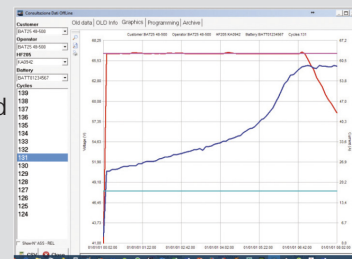
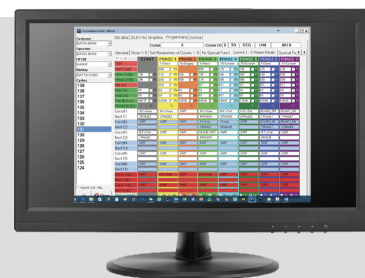
CH6-2K: 100 ÷ 240 Vac; CH6-4K: 200 ÷ 240 Vac; CH6-6K: 208 ÷ 240 Vac;

AVAILABLE MODELS

Volt	Amp.	Mod. 1F 100÷120 Vac	Mod. 1F 200÷240 Vac	IUla Wet 8h		IUla Wet 12h		IUla Gel PzV 10-14h		BOX	WEIGHT
				Capacità C5 Ah (7-8h)	Capacità C5 Ah (9-11h)	Capacità C5 Ah (10-14h)					
Vdc	Adc	Av.	Av.	Min	Max	Min	Max	Min	Max	Type	Kg
24	50	•	•	280	345	450	550	345	425	CH6-2K	11,0
24	60	•	•	336	414	540	660	414	510	CH6-2K	11,0
24	70	•	•	392	483	630	770	483	595	CH6-2K	11,0
24	80	•	•	448	552	720	880	552	680	CH6-2K	11,0
24	90	-	•	504	621	810	990	621	765	CH6-4K	13,0
24	100	-	•	560	690	900	1100	690	850	CH6-4K	13,0
24	120	-	•	672	828	1080	1320	828	1020	CH6-4K	13,0
36	30	•	•	168	207	270	330	207	255	CH6-2K	11,0
36	35	•	•	196	241,5	315	385	241,5	297,5	CH6-2K	11,0
36	40	•	•	224	276	360	440	276	340	CH6-2K	11,0
36	45	•	•	252	310,5	405	495	310,5	382,5	CH6-2K	11,0
36	50	•	•	280	345	450	550	345	425	CH6-4K	11,0
36	60	•	•	336	414	540	660	414	510	CH6-4K	13,0
36	70	•	•	392	483	630	770	483	595	CH6-4K	13,0
36	80	-	•	448	552	720	880	552	680	CH6-4K	13,0
36	90	-	•	504	621	810	990	621	765	CH6-4K	13,0
48	30	•	•	168	207	270	330	207	255	CH6-2K	11,0
48	35	•	•	196	241,5	315	385	241,5	297,5	CH6-2K	11,0
48	40	•	•	224	276	360	440	276	340	CH6-2K	11,0
48	45	-	•	252	310,5	405	495	310,5	382,5	CH6-4K	13,0
48	50	-	•	280	345	450	550	345	425	CH6-4K	13,0
48	60	-	•	336	414	540	660	414	510	CH6-4K	13,0
48	75	-	•	420	517,5	675	825	517,5	637,5	CH6-4K	13,0
48	80	-	•	448	552	720	880	552	680	CH6-4K	13,0
48	90	-	•	504	621	810	990	621	765	CH6-6K	13,0
48	100	-	•	560	690	900	1100	690	850	CH6-6K	13,0
72	20	•	•	112	138	180	220	138	170	CH6-2K	11,0
72	25	•	•	140	172,5	225	275	172,5	212,5	CH6-2K	11,0
72	30	-	•	168	207	270	330	207	255	CH6-4K	13,0
72	35	-	•	196	241,5	315	385	241,5	297,5	CH6-4K	13,0
72	40	-	•	224	276	360	440	276	340	CH6-4K	13,0
72	50	-	•	280	345	450	550	345	425	CH6-6K	13,0
80	20	•	•	112	138	180	220	138	170	CH6-2K	11,0
80	25	-	•	140	172,5	225	275	172,5	212,5	CH6-4K	13,0
80	30	-	•	168	207	270	330	207	255	CH6-4K	13,0
80	40	-	•	224	276	360	440	276	340	CH6-4K	13,0
80	50	-	•	280	345	450	550	345	425	CH6-6K	13,0
80	55	-	•	308	379,5	495	605	379,5	467,5	CH6-6K	13,0
96	17	•	•	95,2	117,3	153	187	117,3	144,5	CH6-2K	11,0
96	25	-	•	140	172,5	225	275	172,5	212,5	CH6-4K	13,0
96	30	-	•	168	207	270	330	207	255	CH6-4K	13,0
96	35	-	•	196	241,5	315	385	241,5	297,5	CH6-4K	13,0
96	40	-	•	224	276	360	440	276	340	CH6-6K	13,0
96	45	-	•	252	310,5	405	495	310,5	382,5	CH6-6K	13,0

-Model NOT available

• Model available



DIMENSION (LxWxH) mm

CH6 2K : 480x300x150
 CH6 4K : 520x334x180
 CH6 6K : 520x334x180

CERTIFICATIONS

CE CERTIFICATIONS
 SICUREZZA: CEI EN60335-1
 EMC: CEI EN61000-6-2 CEI EN61000-6-3
 CEI EN62233
 cULuc, cRUus: UL1564

WARRANTY
 12 months

MODELS

Other models available on request for different Battery Voltages, Charging Currents, Power Supply Voltages.

Green Energy Technology s.r.l.

Via Milano, 64 - Magenta 20013 (MI)
 Sede operativa: Via Matteotti 39F - Roccarainola 80030 (NA)
 info@get-group.it

Made in Italy



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