



# GREEN6 IP54

## Charger Designed for Harsh Environmental Conditions for Ground Support Equipment (GSE)

Modular three-phase battery chargers up to 3 power modules (A)  
IP54-rated enclosure with air flow provided by IP54-compliant fans (B)

High frequency switching technology

Scalable and flexible design

High efficiency technology for optimal battery thermal performances

Programmable via front panel or USB type A/B port  
by opening the frontal window of the case (C)

Suitable for Lead-Acid, Sealed and Gel Traction batteries

CAN/CAN-open BUS communication for Lithium batteries

High efficiency > 90%

Various configurations available

Multi voltage/multi current configurable modules

Easy to service and repair (D)

Modular fail-proof design - module failure does not interrupt charging process

Customizable charging curves through software

Integrated data logger

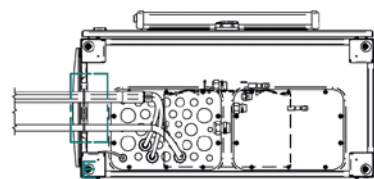
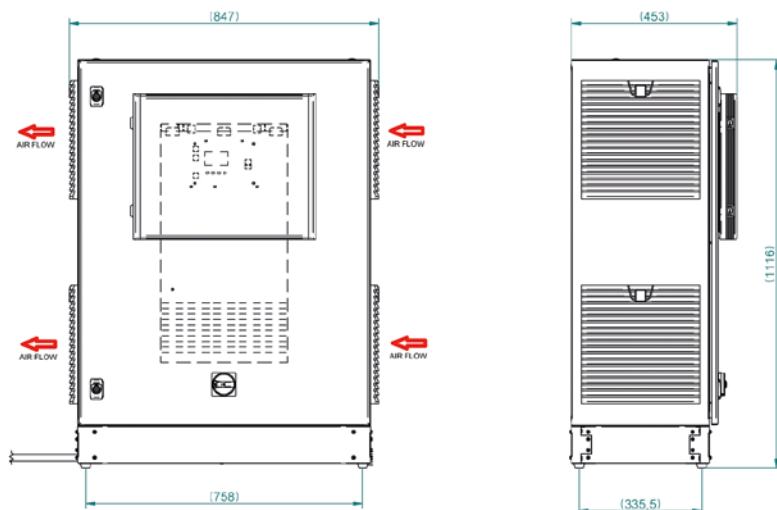
HF View software included

**IP54**

**S.P.E.** *ELETTRONICA*  
*INDUSTRIALE*

[www.spechargers.com](http://www.spechargers.com)

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## Main features:

Modular system (3 configurable modules)  
 Power up to 8 kW, up to 150A @ 48V,  
 up to 100A @ 80V, up to 75A @ 96V  
 Programmable via USB type A/B port or  
 via graphical display by opening the frontal  
 window (C).

**DIMENSIONS (LxWxH):** 847x1116x453 mm  
 33.35x43.94x17.84 in.

**WEIGHT (max):** 130 Kg - 287 lbs

**PROTECTION GRADE** IP54

**INPUT VOLTAGE:**

200/208-240/400/480/600 Vac – 50-60 Hz

Battery Voltage	IUIa Wet 8h Range (C5)	IUIa Wet 12h Range (C5)	IUIa Gel PzV 10-14h Range (C5)	Charging Current	Model
24V	280 + 340 Ah	450 + 550 Ah	350 + 420 Ah	50A	24-50
	340 + 410 Ah	540 + 660 Ah	420 + 510 Ah	60A	24-60
	390 + 480 Ah	630 + 770 Ah	480 + 590 Ah	70A	24-70
	450 + 550 Ah	720 + 880 Ah	550 + 680 Ah	80A	24-80
	560 + 690 Ah	900 + 1100 Ah	690 + 850 Ah	100A	24-100
	680 + 830 Ah	1080 + 1320 Ah	830 + 1020 Ah	120A	24-120
	840 + 1030 Ah	1350 + 1650 Ah	1040 + 1270 Ah	150A	24-150
36V	280 + 340 Ah	450 + 550 Ah	350 + 420 Ah	50A	36-50
	340 + 410 Ah	540 + 660 Ah	420 + 510 Ah	60A	36-60
	390 + 480 Ah	630 + 770 Ah	480 + 590 Ah	70A	36-70
	450 + 550 Ah	720 + 880 Ah	550 + 680 Ah	80A	36-80
	560 + 690 Ah	900 + 1100 Ah	690 + 850 Ah	100A	36-100
	680 + 830 Ah	1080 + 1320 Ah	830 + 1020 Ah	120A	36-120
	840 + 1030 Ah	1350 + 1650 Ah	1040 + 1270 Ah	150A	36-150
48V	280 + 340 Ah	450 + 550 Ah	350 + 420 Ah	50A	48-50
	340 + 410 Ah	540 + 660 Ah	420 + 510 Ah	60A	48-60
	390 + 480 Ah	630 + 770 Ah	480 + 590 Ah	70A	48-70
	450 + 550 Ah	720 + 880 Ah	550 + 680 Ah	80A	48-80
	560 + 690 Ah	900 + 1100 Ah	690 + 850 Ah	100A	48-100
	680 + 830 Ah	1080 + 1320 Ah	830 + 1020 Ah	120A	48-120
	730 + 890 Ah	1170 + 1430 Ah	900 + 1100 Ah	130A	48-130
840 + 1030 Ah	1350 + 1650 Ah	1040 + 1270 Ah	150A	48-150	
72V	170 + 210 Ah	270 + 330 Ah	210 + 255 Ah	30A	72-30
	230 + 280 Ah	360 + 440 Ah	275 + 340 Ah	40A	72-40
	280 + 340 Ah	450 + 550 Ah	350 + 420 Ah	50A	72-50
	340 + 410 Ah	540 + 660 Ah	420 + 510 Ah	60A	72-60
	450 + 550 Ah	720 + 880 Ah	550 + 680 Ah	80A	72-80
80V	560 + 690 Ah	900 + 1100 Ah	690 + 850 Ah	100A	72-100
	170 + 210 Ah	270 + 330 Ah	210 + 255 Ah	30A	80-30
	230 + 280 Ah	360 + 440 Ah	275 + 340 Ah	40A	80-40
	280 + 340 Ah	450 + 550 Ah	350 + 420 Ah	50A	80-50
	340 + 410 Ah	540 + 660 Ah	420 + 510 Ah	60A	80-60
96V	450 + 550 Ah	720 + 880 Ah	550 + 680 Ah	80A	80-80
	560 + 690 Ah	900 + 1100 Ah	690 + 850 Ah	100A	80-100
	110 + 140 Ah	180 + 220 Ah	140 + 170 Ah	20A	96-20
	140 + 170 Ah	230 + 280 Ah	170 + 210 Ah	25A	96-25
	170 + 210 Ah	270 + 330 Ah	210 + 250 Ah	30A	96-30
	230 + 280 Ah	360 + 440 Ah	280 + 340 Ah	40A	96-40
	280 + 340 Ah	450 + 550 Ah	350 + 420 Ah	50A	96-50
	340 + 410 Ah	540 + 660 Ah	420 + 510 Ah	60A	96-60
	390 + 480 Ah	630 + 770 Ah	480 + 590 Ah	70A	96-70
420 + 520 Ah	680 + 830 Ah	520 + 630 Ah	75A	96-75	

