

**NEW PRODUCT**



**6 KW 3-PHASE SINGLE BOARD  
HIGH FREQUENCY CHARGER  
LOW COST NO FRILLS  
STATE OF THE ART TECHNOLOGY  
THE REVOLUTION IS HERE**

# TONALE6K

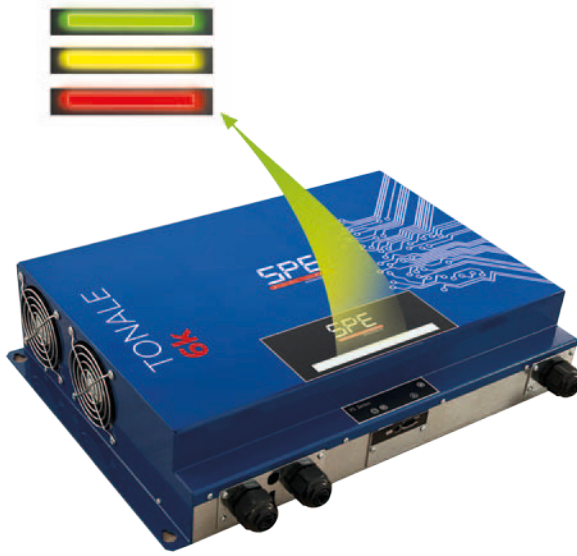
6 kW 3-phase single board charger



Sector  
of application



Certifications



**Main features:**

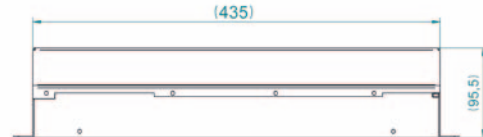
- High efficiency
- Lightweight
- Compact
- Led Band for indication of charging phase
- Power up to 6 kW
- SUITABLE FOR LEAD (WET) / GEL / AGM and LITHIUM BATTERIES
- BATTERY THERMAL PROBE I/O (OPT.)
- REMOTE LED (OPT.)
- INTERLOCK (NO/NC)
- AUXILIARY OUTPUT RELAY
- CANBUS - RS485
- REAL TIME CALENDAR
- WALL MOUNTING HOLES for easy wall mount
- DATA LOGGER

**Dimensions (LxWxH):** 476x315x95,5 mm  
18.74x12.40x3.76 in.

**Weight:** ~10 Kg - 22 lbs

**Protection Grade:** IP20

**Input Voltage:** 400 Vac ±10% - 50-60 Hz



Battery Voltage [V]	IUIa Wet 8h Range (C5)	IUIa Wet 12h Range (C5)	IUIa Gel PzV 10-14h Range (C5)	Charging Current [A]	Model	Input voltage	Input current [A]
24	340 ÷ 410 Ah	540 ÷ 660 Ah	420 ÷ 510 Ah	60	24-60	400Vac 3ph	3,8
	390 ÷ 480 Ah	630 ÷ 770 Ah	480 ÷ 590 Ah	70	24-70	400Vac 3ph	4,5
	450 ÷ 550 Ah	720 ÷ 880 Ah	550 ÷ 680 Ah	80	24-80	400Vac 3ph	5,1
	560 ÷ 690 Ah	900 ÷ 1100 Ah	690 ÷ 850 Ah	100	24-100	400Vac 3ph	6,4
36	340 ÷ 410 Ah	540 ÷ 660 Ah	420 ÷ 510 Ah	60	36-60	400Vac 3ph	5,7
	390 ÷ 480 Ah	630 ÷ 770 Ah	480 ÷ 590 Ah	70	36-70	400Vac 3ph	6,7
	450 ÷ 550 Ah	720 ÷ 880 Ah	550 ÷ 680 Ah	80	36-80	400Vac 3ph	7,7
	560 ÷ 690 Ah	900 ÷ 1100 Ah	690 ÷ 850 Ah	100	36-100	400Vac 3ph	9,6
48	340 ÷ 410 Ah	540 ÷ 660 Ah	420 ÷ 510 Ah	60	48-60	400Vac 3ph	7,7
	390 ÷ 480 Ah	630 ÷ 770 Ah	480 ÷ 590 Ah	70	48-70	400Vac 3ph	8,9
	450 ÷ 550 Ah	720 ÷ 880 Ah	550 ÷ 680 Ah	80	48-80	400Vac 3ph	10,2
	560 ÷ 690 Ah	900 ÷ 1100 Ah	690 ÷ 850 Ah	100	48-100	400Vac 3ph	12,8
72	280 ÷ 340 Ah	450 ÷ 550 Ah	350 ÷ 420 Ah	50	72-50	400Vac 3ph	9,6
	340 ÷ 410 Ah	540 ÷ 660 Ah	420 ÷ 510 Ah	60	72-60	400Vac 3ph	11,5
	390 ÷ 480 Ah	630 ÷ 770 Ah	480 ÷ 590 Ah	70	72-70	400Vac 3ph	13,4
	450 ÷ 550 Ah	720 ÷ 880 Ah	550 ÷ 680 Ah	80	72-80	400Vac 3ph	15,3
80	280 ÷ 340 Ah	450 ÷ 550 Ah	350 ÷ 420 Ah	50	80-50	400Vac 3ph	10,6
	340 ÷ 410 Ah	540 ÷ 660 Ah	420 ÷ 510 Ah	60	80-60	400Vac 3ph	12,8
	390 ÷ 480 Ah	630 ÷ 770 Ah	480 ÷ 590 Ah	70	80-70	400Vac 3ph	14,9