

TECSUP

POWER-TEC 3200

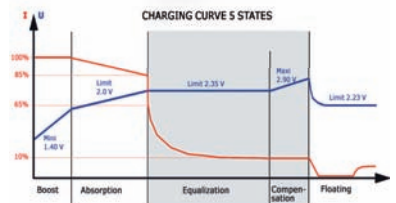
12 V / 200 A - 24 V / 125 A
36 V / 80 A - 48 V / 60 A

Experts since 1985 in the conversion of electrical energy, for powers ranging from 50 to 3000 W, TECSUP has developed a range of high output battery chargers, adapted for all types of batteries: lead open, sealed (AGM, Gel, spiraled), Lithium.

Compact, powerful, lightweight, the POWER-TEC 800 series chargers are perfectly suitable for industrial and 'customized embedded' applications. They offer an **invariable charge rate** and an **optimized layout**, adjusted to every need (charging curves 3 or 5 states, definable parameters).



Output (voltage / current)	12 V / 200 A	24 V / 125 A	36 V / 80 A	48 V / 60 A
	Other versions available at request:			
Input voltage	From 70 up to 260 VAC (universal voltage)			
Power	U > 200 VAC : 3 200 W U < 200 VAC : progressive power derating			
Frequency	50 / 60 Hz. High frequency technology			
DC Output	1			
Charging curve (external rotary switch)	16 pre-set charging curves in memory.			
Working temperature	Full power : -25°C to +40°C. Progressive derating from +40°C up to +70°C.			
Fan	Variable fan speed depending on temperature.			
Dimensions (mm)	400 x 250 x 80.			
Weight	7,1 Kg.			
Inlet connector	Wire 3G1 ² .5 ² (length 2 m) + overmoulded Schuko plug			
Outlet connector	Connector block			



Options

- Series connections, parallel connections (master/slave).
- Specific algorithms for the lithium batteries.
- Liaison RS 232 to PC.
- Temperature compensation sensor.
- Remote control.
- Inter ON/OFF.
- External led.
- Voltage drop compensation wires.
- Alarm relay output.

Optimized performances

- PFC > 98%.
- Input current < 16 A
- Efficiency > 89%.
- Usable with a wide range of power sources (mains, generator...).
- Charging curves 3 or 5 states.
- Constant voltage curves (power supply).
- Output ripple < 50mVrms.
- Extruded and anodised aluminium box.

Safety

- Electronic protection against input surges & short circuits on output.
- Automatic electronic protection against polarity inversions (no fuse to change).
- Ingress Protection standard : IP 20.
- CE conformity.
- Electromagnetic compatibility (EMC): EN 55022, class A.
- User safety: EN 60335-1, EN 60335-2-29 ; EN 50366.

Frontal display

- A led indicates the mode of working of the charger:
 - Yellow: "Boost"
 - Green: "Floating"
 - Red: "Battery default"



- 2 year warranty.
- Knowledge of conditions of use.
- Listening to and proximity with clients.
- Specific versions on request.



ENGINEERING Solutions created & developed to measure	CATALOGUE Standard solutions, customizable & modular	APPLICATIONS Solutions dedicated to your sector of activity	MODELS Predeveloped Solutions
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