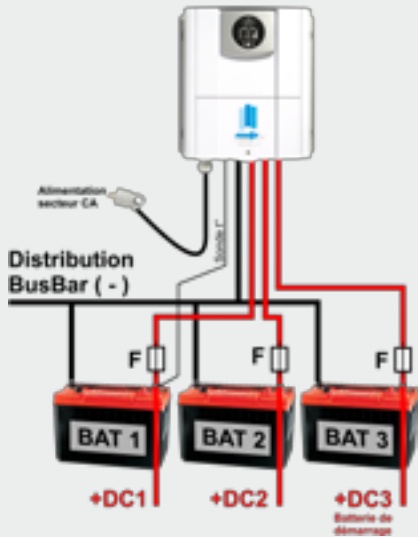


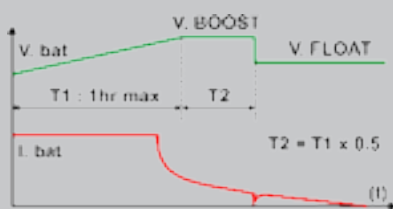
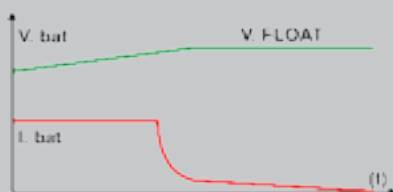
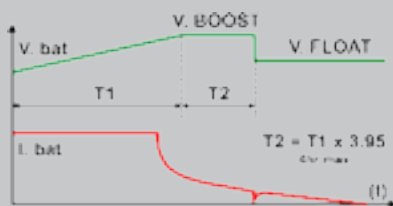
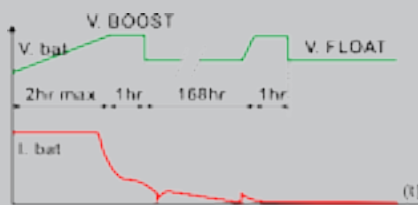
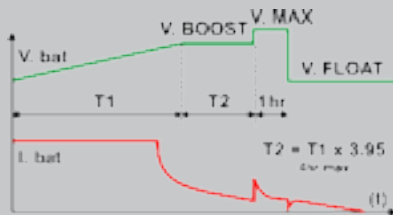
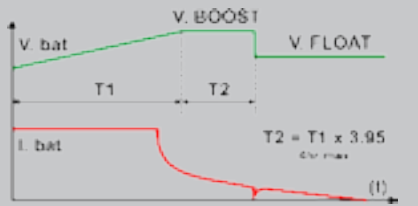
CONNECTION



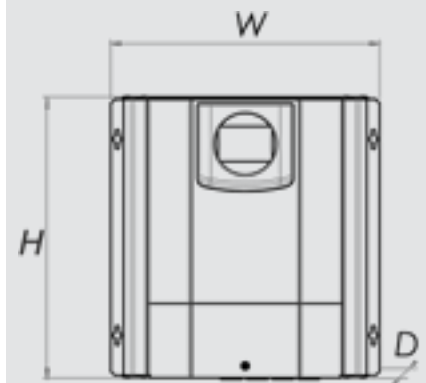
LED DISPLAY



LOAD CURVE



DIMENSIONS



PRO	12 V		
Models	1260.3 LED	1265.3 LED	1290.3 LED
DxWxH mm (inch)	114x304x300 (4,5x12x11,8)	114x304x327 (4,5x12x12,9)	114x304x327 (4,5x12x12,9)

PRO	24 V			
Models	2430.3 LED	2440.3 LED	2460.3 TOUCH	24100.3 - 24100 TOUCH
DxWxH mm (inch)	114x304x300 (4,5x12x11,8)	114x304x327 (4,5x12x12,9)	114x304x327 (4,5x12x12,9)	173x304x327 (6,8x12x12,9)

mdp electronics

144 route des Vernes
74370 Pringy
Tél. : 04 50 27 20 30
www.mdpelectronics.com



pro range

What if performance allowed you to go even further ?



the **touchview** version is also available with a remote control panel.

To make your life easier :



Battery cable guide



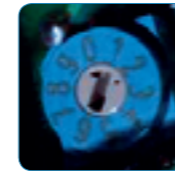
Mains cable gland



Quick and easy mounting



Easily accessible fuses



Load curve setting by micro-switch



Charge level panel



Connector access hatch



3 batteries at the same time

The **pro** range, which allows battery packs of up to 1000 A to be charged, can be equipped with an optional **touchview** touch screen. It provides an intuitive

display of measurements as well as charging phases (Float, Abs, Boost), the allocated available power and possible operating faults.

The **pro** range is equipped with communication via CAN bus, which means it can be used professionally in all land and industrial energy management sectors.

Models	12V-90A	24V-40A	24V-60A	48V-25A	24V-100A	48V-50A	110V-25A
Battery capacity	180 to 900 Ah	80 to 400 Ah	120 to 600 Ah	50 to 250Ah	200 to 1000 Ah	100 to 500 Ah	50 to 250 Ah
Supply voltage	115V/230V (+/-15%)			230V (+/-15%)			
Frequency	50Hz - 60Hz						
Cos phi	typically 0.9						
Out put	typ 82%		typ 85%		typ 88%		
Max consumption 115V/230V	14A/7A	12A/6A	12A/9A		15A		
Fusible secteur 6x32mm			T20A		2xT20A		
Number of outputs	3						1
Load setting	Selector						
Load curve	3 stages IUUo						
Battery setting	Open Pb, Airtight Pb, Pb calcium, Gel-AGM, Delphi, Maxima-Optima, Wintering, Power supply, LiFeSo4						
Open lead battery	boost float	14.4V 13.2V	28.8V 26.4V	57.6V 52.8V	28.8V 26.4V	57.6V 52.8V	132V 121V
Airtight lead batteries		14.2V 13.6V	28.4V 27.2V	56.8V 54.4V	28.4V 27.2V	56.8V 54.4V	130V 125V
Lead calcium batteries		14.8V 13.8V	29.6V 27.6V	59.2V 55.2V	29.6V 27.6V	59.2V 55.2V	136V 127V
Delphi		15.4V 13.8V	30.8V 27.6V	61.6V 55.2V	30.8V 27.6V	61.6V 55.2V	141V 127V
Optima		15.5V 13.8V	31.0V 27.6V	62.0V 55.2V	31.0V 27.6V	62.0V 55.2V	142V 127V
Gel AGM		14.4V 13.8V	28.8V 27.6V	57.6V 55.2V	28.8V 27.6V	57.6V 55.2V	132V 127V
Power supply (float)		13.6V	27.2V	54.4V	27.2V	54.4V	125V
LiFeSo4+BMS integrated (float)		14.4V	28.8V	57.6V	28.8V	57.6V	132V
Voltage tolerance	+/- 2%						
Ripple	<1% pp (BW<20MHz)						
Max. charging current	90A (+/-10%)	40A (+/-10%)	60A (+/-10%)	100A (+/-10%)	50A (+/-10%)	25A (+/-10%)	

Models	12V-90A	24V-40A	24V-60A	48V-25A	24V-100A	48V-50A	110V-25A
Short circuit fuse	4 x F30A	3 x F30A	3 x F30A	2 x F20A	5 x F30A	4 x F20A	2 x F20A
Protection	Overload and short circuit at the output / excessive internal t° / excessive battery t°/ Defective external t° sensor / Overvoltage fault at the output / Polarity reversal at the output / General fuse fault						
Display	LED pictogrammes or optional touch screen (touchview)						
operating t°	-10°C à +65°C derating above 50°C						
storage t°	-20°C to +85°C						
Humidity	10% to 95% (without condensation)						
Cooling	Forced by variable speed fan thermostat						
Housing	IP20, aluminium, epoxy paint ; IP 31 on demand						
Mounting	wall mounting, 4 x Ø 4 screws						
Dimensions DxWxH mm [inch]	115x340x350 mm 4,5x13,4x13,8 inches			185x340x350 mm 7,3x13,4x13,8 inches			
Weight (kg)	6						12
Mains supply	Screw terminal (10 mm ² max), M6 earth bolt						
Short circuit connection	M8 studs						
Raccordement sonde t°	Screw terminal (1,5mm ² max)						
Raccordement alarme	Screw terminal (1,5mm ² max)						
Remote control panel	RJ45 connector as standard						
Communications port	RJ11 connector as standard						
Temperature sensor	optional (standard on model 3000W)						
Alarm relay	Low voltage relay, 2-screw terminal						
Environmental protection	Tropicalisation of electronics						
Safety standards	EN60335-29-2 (2002)						
EMC standards	EN55014-1 / TÜV, BV in progress						
Manufacturer	MDP Electronics, ISO 9001, manufacturing site certified UL type ZPV12						
Warranty	2 years						