

Software version	HDC 1212-40 V22.02
GENERAL	
Input voltage nominal	12Vdc
Output voltage nominal	12Vdc
Charging current, adjustable	40Amp. (10 ~ 40Amp)
CHARGING CONVERTER	
Charging activation	via D+
Undervoltage protection, adjustable	11,7V (11,5 ~ 12,5V)
Undervoltage restart, adjustable	12,8V (12,5 ~ 13,5V)
Overvoltage protection	15,8V
Overvoltage restart	15V
MPPT CHARGE CONTROLLER	
Input solar	15 ~ 45 Vdc
Overvoltage protection	45V
Overvoltage restart	44V
Undervoltage protection	15V
Undervoltage restart	19V (timer 60sec)
Max. power solar panels	600W
CHARGING FEATURES	
Charging characteristic	IUoUoe, 3 phases
Voltages, charge setting GEL	14,2V / 13,8V
Voltages setting WET*	14,4V / 13,5V
Voltages setting AGM	14,8V / 13,8V
Voltages setting LI, adjustable	Bulk: 14,4V (12,6V ~ 14,8V) Float: 0V (0V/13,0V ~ 14,8V)
Voltages setting Custom, adjustable	Bulk: 13,8V ~ 14,8V Float: 13,0V ~ 14,0V
OTHERS	
Efficiency	Max 90%
Ripple	≤50mA
No load consumption @ 12,6V	70mA
Input connection	Screw connection
Output connection	Screw connection
Galvanically isolated	No
Parallel connectable	No
Cooling	Fan
IP classification	IP 205
Dimensions lwxh	22,2 x 16,4 x 7,4 cm
Weight	1,3 kg

All specifications are based on 20°C

*= factory setting

All dates subject to change

All mentioned voltages have a tolerance of 0.1Volt