HTUB MULTI & HRC3

Multivoltage

MAIN APPLICATIONS

V	A
2	30
6	30
8	30
10	30
12	120
24	120
36	120
48	120
60	120
72	120
80	120

2V steps 1A steps

SUITABLE BATTERIES

All types

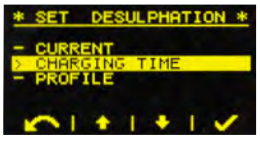
HTUB MULTI

VAC	CODE	DESCRIPTION
3x480	**HTUB 80/120-M**	Multivoltage 2-80 V up to 120A
3x600	**HTUB 80/120-MV**	

HRC3

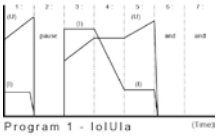
VAC	CODE	DESCRIPTION
3x480	**HRC3 80/120-M**	Multivoltage 2-80 V up to 120A
3x600	**HRC3 80/120-MV**	

Standard charging mode

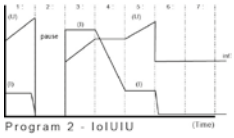


Desulphation mode

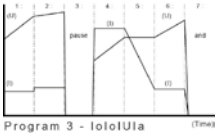
HRC3 Battery refresh programs



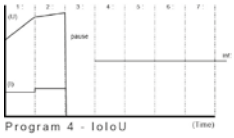
Program 1 - Light



Program 2 - Soft



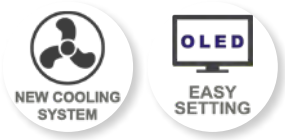
Program 3 - Medium



Program 4 - Deep

PRODUCT INTRO

HTUB MULTI is aimed for workshop operations requiring charge and desulphation of batteries from 2 to 80V; this item is ideal in fact for the recharge and refresh of any battery type without the stress of looking for the dedicated charge.
The device enables an intuitive parameters setting by an integrated OLED display.
Supplied with iron stand and cables holder on request.
HRC3 version, by the means of 4 dedicated programs (programmable by PC), is ideal for the recharge and refresh of all your battery portfolio.



GENERAL CHARACTERISTICS

	HTUB MULTI	HRC3
Mains	480Vac (3ph) 50-60Hz / 600Vac (3ph) 50-60Hz	
Visual signalling	OLED display, 4 LEDs and 4 control keys	
Charger setting	By OLED display: current, voltage, capacity, 7 pre-set charging **profiles**, desulphation mode and timer	By OLED display: nom. Voltage, capacity and 4 pre-set battery refresh **programs** By laptop/USB port: complete adjustment of each phase details of each program
Data memory	Charger gives a report of the last 50 cycles and key technical data by integrated USB port	Not available
Cool-down system	Dedicated air cooling direct to heatsink only. Temperature-regulated fan speed. Fan idle within +104° F (+40° C) internal components temperature	
Efficiency	≥ 92%	
Operating temperature	+32° to +104° F (0° to +40° C)	
Certifications	CSA	

SAFETY FEATURES

Input protection	3 fast fuses
Output protection	By fuse (reverse polarity protection)
Thermal Protection	Probes on IGBT, diodes and power transformer + derating
Protection during battery disconnection	Safety cut off by undervoltage

OPTIONALS

Cable holder, charger iron stand

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	17.95 x 7.68 x 22.44 inches (456 x 195 x 570 mm)
Protection degree	IP 21 (vertical) – Dedicated air cooling direct to heatsink
Weight	61.73 lb (28 kg)
Input cable	At customer care
Output cables	2.7 yd (2,5m) +/- 10% (length) – DC plug on demand