HTUB

THREE PHASE 480/600 Vac

MAIN APPLICATIONS

SUITABLE BATTERIES

Wet lead acid (PzS) – GEL – AGM – VRLA – PzV – Lithium (on demand)

MODELS AVAILABLE

						Lead acid (Ah)		Gel (Ah)	Iac	
V	A	VAC	CODE	VAC	CODE	7-8h	10-11-14h	12-14h	Current draw	
									480Vac	600Vac
24	140	3x480	**HTUB 24/140-L**	3x600	**HTUB 24/140-V**	769-889	1066-1185-1429	950-1185	4,7	3,8
24	160	3x480	**HTUB 24/160-L**	3x600	**HTUB 24/160-V**	879-1016	1219-1354-1633	1086-1354	5,4	4,3
24	180	3x480	**HTUB 24/180-L**	3x600	**HTUB 24/180-V**	989-1143	1371-1523-1837	1222-1523	6,1	4,9
24	200	3x480	**HTUB 24/200-L**	3x600	**HTUB 24/200-V**	1099-1270	1523-1692-2041	1357-1692	6,7	5,4
36	140	3x480	**HTUB 36/140-L**	3x600	**HTUB 36/140-V**	769-889	1066-1185-1429	950-1185	7,0	5,6
36	160	3x480	**HTUB 36/160-L**	3x600	**HTUB 36/160-V**	879-1016	1219-1354-1633	1086-1354	8,0	6,4
36	180	3x480	**HTUB 36/180-L**	3x600	**HTUB 36/180-V**	989-1143	1371-1523-1837	1222-1523	9,0	7,2
36	200	3x480	**HTUB 36/200-L**	3x600	**HTUB 36/200-V**	1099-1270	1523-1692-2041	1357-1692	10,0	8,0
48	140	3x480	**HTUB 48/140-L**	3x600	**HTUB 48/140-V**	769-889	1066-1185-1429	950-1185	9,3	7,5
48	160	3x480	**HTUB 48/160-L**	3x600	**HTUB 48/160-V**	879-1016	1219-1354-1633	1086-1354	10,7	8,5
48	180	3x480	**HTUB 48/180-L**	3x600	**HTUB 48/180-V**	989-1143	1371-1523-1837	1222-1523	12,0	9,6
48	200	3x480	**HTUB 48/200-L**	3x600	**HTUB 48/200-V**	1099-1270	1523-1692-2041	1357-1692	13,3	10,7
80	100	3x480	**HTUB 80/100-L**	3x600	**HTUB 80/100-V**	549-635	762-846-1020	679-846	11,0	8,8
80	120	3x480	**HTUB 80/120-L**	3x600	**HTUB 80/120-V**	659-762	914-1015-1224	814-1015	13,2	10,6

PRODUCT INTRO

HTUB is the top level HF charger aimed to reach the highest performances. This range gathers all top features of HF ranges in terms of efficiency, power factor, ventilation, internal structure (dedicated 3 compartments) and general flexibility. An integrated digital interface with OLED/LCD display and integrated USB enables the best and easiest overview/setting of charge parameters, diagnostic and data reports.

GENERAL CHARACTERISTICS

Mains	480Vac (3ph) 50-60Hz / 600Vac (3ph) 50-60Hz
Visual signalling	OLED/LCD display, 4 LEDs and 4 control keys
Charger setting	By OLED/LCD display: current, voltage, capacity and 7 pre-set charging profiles By laptop/USB port: enhanced programming
Data memory	Charger gives a report of the last 50 cycles and key technical data by integrated USB port
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
Air mix pump, pilot contact, charger status lamp, thermal probe voltage adjustment

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. Additional filter protection on demand
Weight	61.73 lb (28 kg)
Input cable	At customer care
Output cables	2.7 yd (2,5 m) +/- 10% (length) – DC plug on demand