

# HTUB



THREE PHASE 480/600 Vac



## MAIN APPLICATIONS



## SUITABLE BATTERIES

Wet lead acid - PzS
GEL -AGM -VRLA -PzV
Lithium

## MODELS AVAILABLE

V	A	VAC	CODE	VAC	CODE	Lead acid (Ah)			Iac
						7-8h	10-11-14h	12-14h	
36	140	3x480	<b>HTUB 36/140</b>	3x600	<b>HTUB 36/140-V</b>	769-889	1066-1185-1429	950-1185	8,40
36	160	3x480	<b>HTUB 36/160</b>	3x600	<b>HTUB 36/160-V</b>	879-1016	1219-1354-1633	1086-1354	9,60
36	180	3x480	<b>HTUB 36/180</b>	3x600	<b>HTUB 36/180-V</b>	989-1143	1371-1523-1837	1222-1523	10,80
36	200	3x480	<b>HTUB 36/200</b>	3x600	<b>HTUB 36/200-V</b>	1099-1270	1523-1692-2041	1357-1692	12,00
48	140	3x480	<b>HTUB 48/140</b>	3x600	<b>HTUB 48/140-V</b>	769-889	1066-1185-1429	950-1185	11,20
48	160	3x480	<b>HTUB 48/160</b>	3x600	<b>HTUB 48/160-V</b>	879-1016	1219-1354-1633	1086-1354	12,80
48	180	3x480	<b>HTUB 48/180</b>	3x600	<b>HTUB 48/180-V</b>	989-1143	1371-1523-1837	1222-1523	14,40
48	200	3x480	<b>HTUB 48/200</b>	3x600	<b>HTUB 48/200-V</b>	1099-1270	1523-1692-2041	1357-1692	16,00
80	100	3x480	<b>HTUB 80/100</b>	3x600	<b>HTUB 80/100-V</b>	549-635	762-846-1020	679-846	13,20
80	120	3x480	<b>HTUB 80/120</b>	3x600	<b>HTUB 80/120-V</b>	659-762	914-1015-1224	814-1015	15,90

Special versions 24V available on demand

## 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 display and integrated USB enables the best and easiest overview/setting of charge parameters, diagnostic and data reports.



## GENERAL CHARACTERISTICS

<b>Mains</b>	480 Vac (3ph) 50-60Hz / 600 Vac (3ph) 50-60Hz
<b>Visual signalling</b>	OLED display , 4 LEDs and 4 operational keys
<b>Charger setting</b>	By OLED display : Current, Capacity and 7 preset charging profiles By laptop/USB port: Enhanced programming
<b>Data memory</b>	Charger gives a Report of the last 50 cycles and key technical data by integrated USB door
<b>Cool-down system</b>	Dedicated air cooling direct to heatsink only. Temperature-regulated fan speed. Fan idle within 104°F internal components temperature
<b>Efficiency</b>	94%
<b>Operating temperature</b>	32° to +104°F
<b>Certifications</b>	CSA - UL

## SAFETY FEATURES

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

## OPTIONALS

<b>Stand alone</b>	Charger iron stand
<b>Stand alone/wall mounted</b>	Cable holder
<b>On board/stand alone/wall</b>	Additional extra coating dV/dt profiles

## MECHANICAL CHARACTERISTICS

<b>Dimension</b>	456 (w) 195 (h) 570 (l) mm / 17.953 (w) 7.677 (h) 22.441 (l) inches
<b>Protection degree</b>	IP 21 (vertical) - (dedicated air cooling direct to heatsink) - Additional filter protection on demand
<b>Weight</b>	26 kg; 57.32 lb
<b>Input cable</b>	not supplied
<b>Output cables</b>	2,5 m; 2.7 yd +/- 10% (length) - DC plug on demand