ST. GEORGE ENERGY

CHARGERS

HTUB

THREE PHASE 480/600 Vac



SUITABLE BATTERIES

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

MAIN APPLICATIONS



MODELS AVAILABLE

						Lead acid (Ah)		Gel (Ah)	Iac
V	A	VAC	CODE	VAC	CODE	7-8h	10-11-14h	12-14h	current draw
24	140	3x480	**HTUB 24/140***	3x600	**HTUB 24/140-V***	769-889	1066-1185-1429	950-1185	5.70
24	160	3x480	**HTUB 24/160***	3x600	**HTUB 24/160-V***	879-1016	1219-1354-1633	1086-1354	6.50
24	180	3x480	**HTUB 24/180***	3x600	**HTUB 24/180-V***	989-1143	1371-1523-1837	1222-1523	7.30
24	200	3x480	**HTUB 24/200***	3x600	**HTUB 24/200-V***	1099-1270	1523-1692-2041	1357-1692	8.10
36	140	3x480	**HTUB 36/140***	3x600	**HTUB 36/140-V***	769-889	1066-1185-1429	950-1185	8.40
36	160	3x480	**HTUB 36/160***	3x600	**HTUB 36/160-V***	879-1016	1219-1354-1633	1086-1354	9.60
36	180	3x480	**HTUB 36/180***	3x600	**HTUB 36/180-V***	989-1143	1371-1523-1837	1222-1523	10.80
36	200	3x480	**HTUB 36/200***	3x600	**HTUB 36/200-V***	1099-1270	1523-1692-2041	1357-1692	12.00
48	140	3x480	**HTUB 48/140***	3x600	**HTUB 48/140-V***	769-889	1066-1185-1429	950-1185	11.20
48	160	3x480	**HTUB 48/160***	3x600	**HTUB 48/160-V***	879-1016	1219-1354-1633	1086-1354	12.80
48	180	3x480	**HTUB 48/180***	3x600	**HTUB 48/180-V***	989-1143	1371-1523-1837	1222-1523	14.40
48	200	3x480	**HTUB 48/200***	3x600	**HTUB 48/200-V***	1099-1270	1523-1692-2041	1357-1692	16.00
80	100	3x480	**HTUB 80/100**	3x600	**HTUB 80/100-V**	549-635	762-846-1020	679-846	13.20
80	120	3x480	**HTUB 80/120**	3x600	**HTUB 80/120-V**	659-762	914-1015-1224	814-1015	15.90

*Multivoltage version 24-36-48V available.

HTUB

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	480 Vac (3ph) 50-60Hz / 600 Vac (3ph) 50-60Hz
Visual signalling	OLED display, 4 LEDs and 4 control keys
Charger setting	By OLED display: current, 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 door
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	94%
Operating temperatures	+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
Disconnection protection	Safety cut off by undervoltage

OPTIONALS

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

MECHANICAL CHARACTERISTICS

Dimensions (LxWxH)	22.44 x 17.95 x 7.68 inches (570 x 456 x 195 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	Not supplied
Output Cables	2.7 yd (2.5 m) +/-10% (length) - DC plug on demand

