

Wiring Schematic And Other Details Of ACE HUPS Rev 6.xx

Doc No. – 2015 HUPS6-15 01

Transformer Details :-

INVERTER	CORE SIZE	No. Of. Turns	Wire SWG
500 VA 12 V	4(16) No. 2½” Stack	0 - 22 (Bifilar) 0 -275 - 470 - 495 0 - 35	12 SWG 22 SWG 25 SWG
600 VA 12 V	4(16) No. 2¾” Stack	0 - 18 (Bifilar) 0 -225 - 385 - 405 0 - 28	12 SWG 21 SWG 25 SWG
800 VA 12 V	4(16) No. 3” Stack	0 - 16 (Bifilar) 0 -205 - 343 - 360 0 - 26	11 SWG 20 SWG 25 SWG
1000 VA 24 V	7(43) No 2½” Stack	0 - 30 (Bifilar) 0 -190 - 338 0 - 24	12 SWG 18 SWG 25 SWG
1500 VA 24 V	7(43) No 3” Stack	0 - 25 (Bifilar) 0 -156- 280 0 - 20	11 SWG 17 SWG 25 SWG

LED Connection Details

Connector CN2

- Pin 1 – LED Common Ground
- Pin 4 – Mains On LED
- Pin 5 – Inverter On LED
- Pin 6 – Charging LED
- Pin 7 – Charged LED
- Pin 8 – Battery Low LED
- Pin 9 – Overload LED

Jumper Details

- | | |
|-------------------------------|------------|
| For Normal 8Amp charging | J7 – Open |
| For High charging 11Amp | J7 – Short |
| For Tubular batteries (14.8V) | J9 – Short |
| For Home UPS mode (180-260V) | J8 – Short |
| For Battery low cut-off 8.5V | J3 – Short |

600 – 1500 VA HUPS (Rev 6.01)

