C P Power & Automation Ltd

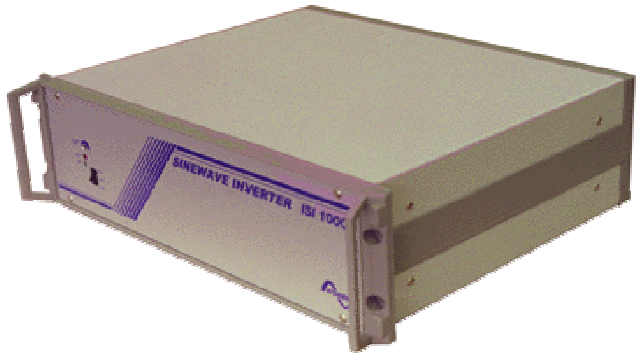
SI Industrial & HPSI Series of True Sinewave Inverters

Technical data	**SI600 Industrial**			**SI1000 Industrial**			**SI2000 Industrial**		**SI3000 Ind**	**HPSI 2000**	**HPSI 4000**	**HPSI 7000**
Type	SI 612 IND	SI 624 IND	SI 648 IND	SI 1012 IND	SI 1024 IND	SI 1048 IND	SI 2324 IND	SI 2348 IND	SI 3548 IND	HPSI 2212	HPSI 4424	HPSI 7048
Battery voltage (V)	12	24	48	12	24	48	24	48	48	12	24	48
Input range (Vdc)	10,5-16	21-32	42-61	10,5-16	21-32	42-61	21-32	42-61	42-61	10,5-16	21-32	42-61
Output (Vac)	230	230	230	230	230	230	230	230	230	230	230	230
Nom/surge power (5sec) (W)	600/2100	600/2100	600/2100	1200/4200	1200/4200	1200/4200	2300/8000	2300/8000	3500/10500	2200/7700	4400/15000	7000/24000
Max power 3/15 min (W)	1000-800	1200-1000	1200-1000	1900-1500	2400-1900	2400-1900	4600-3600	4600-3600	7000-5600	3500-2800	8800-7000	14000-11000
Maximum efficiency (%)	91	91	91	92	92	93	95	95	95	95	95	95
Weight (kg)	6,9	6,9	6,9	13,2	13,2	13,2	22,8	22,8	33,5	26	39	52
Size (U x mm)	3U x 400	3U x 400	3U x 400	3U x 400	3U x 400	3U x 400	3U x 400	3U x 400	3U x 400	6U x 450	6U x 450	6U x 450
Tri-phase SI IND rack	3 SI IND units of equal power/voltage (>1000 W) mounted and wired in a single rack 16 U (553x600)											
Tri-phase HPSI rack	3 HPSI units of equal power/voltage (>2200 W) mounted and wired in a single rack 25 U (553x600)											

Options												
Twin power system	-	-	-	✓	✓	✓	✓	✓	✓	-	-	-

General data SI Industrial & HPSI range

- Output tension :true sine 230Vac (115Vac) +/- 3%.
- Dynamic behaviour :from 10% to 100% charge change. Normalization: 0,5 ms.
- Frequency :50Hz (60Hz) +/- 0,01% (crystal control).
- Cos φ max P nom :0.6-1
- IP protection :IP 20 conforms DIN 40050
- Forced ventilation :from 45°C, +/- 3%
- Overheating protection :< 75°C, +/- 3%
- Required battery capacity :> 5 x P nom/ U nom
- Acoustic level :without ventilation <10dB, with ventilation <35dB
- Asymmetric charge :up to 2 x P nom
- Remote control :closed dry contact required for disable
- Potential free alarm contact :60V / 1A
- EEC conformity :EN 50084 I/II, EN 50014-50022, IEC B01 II/III/IV, CEI 555



For special requirements or 110 Vac versions, please contact us.

Data are for information only and may change without notice.
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