



Sine wave inverter 19" – HPSI serie

The series of industrial sine wave inverters in 19" rack is directly developed from our SI series. The HPSI range gains therefore from a high reliability and suits especially well to industrial and professional applications.



HPSI 4424

Technical specifications

HPSI in 19" rack	HPSI 2212	HPSI 4424	HPSI 5048
Input voltage [Unom]	12V	24V	48V
Nominal power	2200W	4400W	5000W
Standby current [mA]	30	35	30
Power ON no load standby power	15W	<20W	<30W
Power ON no load TWINPOWER system	-----	-----	-----
Maximum efficiency	91%	95%	95%
Weight [kg]	35	51	57
Height [HE] x depth [mm]	264 (6U) x 450		
Input voltage	< Unom x 0.95 - Unom x 1.33 >		
Output voltage	Sinus 230 Vac +/- 3%		
Distortion	< 2% (at Pnom)		
Dynamic behaviour	Normalization 0.5 ms for 0% to 100% load		
Frequency	50 Hz +/- 0.01%(Crystal control)		
Charge detection	User adjustable: 0.5 to 20 W		
Maximum power load 15 min.	1.3 – 1.6 x Pnom / 25°C		
Maximum power load 3 min.	1.6 - 2 x Pnom / 25°C		
Peak power 5 sec.	3.5 x Pnom		
Asymmetric charge	Up to 2 x Pnom		
Cos φ max. at Pnom	0.6 - 1		
IP protection index	IP 20		
Forced ventilation	From 45°C +/- 3°C		
Overheating protection	75°C +/- 3°C		
Required battery capacity	> 5 x Pnom/Unom (recommended value)		
Acoustic level	Without ventilation : < 20 dB With ventilation: < 45 dB		
EC conformity	EN 50081 I/II, EN 55014 – 55022, IEC 801 II / III / IV, CEI 555, EN 60950		

Data are for information only and may change without notice

Other standard features:

- . remote control possibility
- . potential free alarm contact (60V/1A)

Options

- HPSIxxxxTP TWINPOWER system
- HPSIxxxxPE 3-phase for 3 x 400V systems



Rear view of HPSI 4424