

**Invertoare de Tensiune 2000 W cu sinusoida pura**  
(transforma tensiunea continua in tensiune alternativa)

| Specificatii Tehnice                               | Model  |              |              |               |                |                            |              |              |               |                |
|--|--|--------------|--------------|---------------|----------------|----------------------------|--------------|--------------|---------------|----------------|
| Invertor   | YK-PSW12200  | YK-PSW24200  | YK-PSW48200  | YK-PSW110200  | YK-PSW220200   | YK-PSW12200E               | YK-PSW24200E | YK-PSW48200E | YK-PSW110200E | YK-PSW220200E  |
| Puterea la Iesire (continuu)                       | 2000W  |              |              |               |                |                            |              |              |               |                |
| Puterea Maxima la Iesire                           | 2300W (3 min.)   |              |              |               |                |                            |              |              |               |                |
| Varfuri de Putere Admise la Iesire                 | 4000W  |              |              |               |                |                            |              |              |               |                |
| Tensiunea c.c. la Intrare                          | 12 V c.c.  | 24 V c.c.    | 48 V c.c.    | 110 V c.c.    | 220 V c.c.     | 12 V c.c.                  | 24 V c.c.    | 48 V c.c.    | 110 V c.c.    | 220 V c.c.     |
| Variatia Tensiunii c.c. la Intrare                 | 10-16 V c.c.   | 20-32 V c.c. | 42-62 V c.c. | 90-140 V c.c. | 180-275 V c.c. | 10-16 V c.c.               | 20-32 V c.c. | 42-62 V c.c. | 90-140 V c.c. | 180-275 V c.c. |
| Avertizare la Supratensiune c.c. la Intrare        | 15,5 V c.c.  | 31 V c.c.    | 61 V c.c.    | 135 V c.c.    | 270 V c.c.     | 15,5 V c.c.                | 31 V c.c.    | 61 V c.c.    | 135 V c.c.    | 270 V c.c.     |
| Oprire Automata la Supratensiune c.c. la Intrare   | 16,0 V c.c.  | 32,0 V c.c.  | 62,0 V c.c.  | 140 V c.c.    | 275 V c.c.     | 16,0 V c.c.                | 32,0 V c.c.  | 62,0 V c.c.  | 140 V c.c.    | 275 V c.c.     |
| Avertizare la Tensiune c.c. Minima la Intrare      | 10,5 V c.c.  | 21,0 V c.c.  | 43,0 V c.c.  | 95 V c.c.     | 185 V c.c.     | 10,5 V c.c.                | 21,0 V c.c.  | 43,0 V c.c.  | 95 V c.c.     | 185 V c.c.     |
| Oprire Automata la Tensiune c.c. Minima la Intrare | 10,0 V c.c.  | 20,0 V c.c.  | 42,0 V c.c.  | 90 V c.c.     | 180 V c.c.     | 10,0 V c.c.                | 20,0 V c.c.  | 42,0 V c.c.  | 90 V c.c.     | 180 V c.c.     |
| Tensiunea c.a. la Iesire (reglabila)               | 100 ~ 120V c.a. (acord VR)   |              |              |               |                | 200 ~ 240V c.a. (acord VR) |              |              |               |                |
| Frecventa c.a. la Iesire                           | 50/60Hz ± 0,05% ( selectabila prin comutator)  |              |              |               |                |                            |              |              |               |                |
| Curent c.a. Maxim la Iesire                        | 35 A   |              |              |               |                | 16 A                       |              |              |               |                |
| Randament (la sarcina maxima)                      | 86%  | 88%          | 89%          | 94%           | 94%            | 87%                        | 90%          | 92%          | 94%           | 94%            |
| Curent de Mers in Gol (fara sarcina)               | 1,25 A   | 0,56 A       | 0,32 A       | 0,38 A        | 0,18 A         | 1,79 A                     | 0,87 A       | 0,40 A       | 0,4 A         | 0,2 A          |
| Curent Stand-by                                    | ≤1,5W in modul cu economisirea energiei  |              |              |               |                |                            |              |              |               |                |
| Forma de Unda la Iesire                            | Sinusoida Pura (R load) < 3% THD (ca in cazul retelei electrice nationale)   |              |              |               |                |                            |              |              |               |                |
| Protectii Automate                                 | Supraincarcare, Scurt-Circuit, Polarizare Inversa (siguranta electrica), Supratensiune/Tensiune Minima la Intrare, Supraincalzire  |              |              |               |                |                            |              |              |               |                |
| Afisare pe Ecranul Digital                         | Supratensiunea/Tensiunea Minima la Intrare, Supraincalzirea, Supraincarcarea, Tensiunea c.a. la Iesire (V), Amplitudinea c.a. la Iesire, Puterea la Iesire (W), Tensiunea c.c. la Intrare (V), Temperatura (°C), Frecventa c.a. la Iesire (Hz) |              |              |               |                |                            |              |              |               |                |

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|---|---|--|
| Siguranta in Functionare                              | EN60950-1   |  |
| EMC   | FCC Clasa B   | EN 55022: 2006, Class A<br>EN 55024:1998+A1:2001+A2: 2003<br>EN 61000-3-2:2006<br>IEC 61000-4-2 Edition 1,2:2001-04<br>EN 61000-3-3:1995+A1:2001+A2: 2005<br>IEC 61000-4-3 Edition 3,0: 2006<br>IEC 61000-4-4: 2004<br>IEC 61000-4-5 Edition 2,0: 2005<br>IEC 61000-4-6 Edition 2,2: 2006<br>IEC 61000-4-8 Edition 1,1: 2001-03<br>IEC61000-4-11 Second Edition: 2004-03 |
| Timp de Restabilire a Modulului "Economisire Energie" | 8 secunde   |  |
| Port Comanda Interfata                                | RS-232 cu viteza de transfer (baud rate) 2400, 4800, 9600, 19200 (selectabila prin comutator) |  |
| Dispozitiv de Comanda de la Distanta                  | Optional (radio RF sau prin cablu)  |  |
| Temperatura de Functionare                            | -20°C ... 50°C  |  |
| Temperatura Depozitare                                | -30°C ... 70°C  |  |
| Dimensiuni  | 413(L) × 278(l) × 102(H) mm   |  |
| Racire  | Ventilator comandat de valoarea sarcinii de incarcare   |  |
| Greutate  | 7,2 kg  |  |

c.c. = curent continuu  
c.a. = curent alternativ