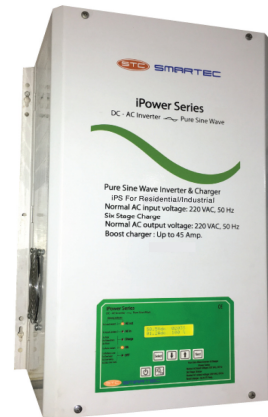


NEW**SMARTEC** Technologies**iPower Series For Residential / Industrial****DC-AC Inverter**
~ Pure Sine Wave
Single Phase

Single Conversion Online

ModeliPS 3500 - 24
iPS 5000 - 24
iPS 4000 - 48
iPS 6000 - 48
iPS 8000 - 48
iPS 10000- 48**ON Grid / OFF Grid / Parallel***Extra Heavy Duty***Features and performances**

- Outstanding efficiency and overload.
- Built-in battery status processor and battery temperature controller
- Perfect management and limitation of AC sources.
- Power saving of the consumption peaks.
- Automatic allocation of the power available.
- Automatic protection of the sources against overload.
- Powerful multi-stage PFC charger.
- Ultra-short transfer time (from 0 to 4ms max.).
- Automatic and efficient stand-by.
- Display, programming and data logging.
- RS-232 communication for remote supervision.
- 3-phase system ready.
- Up to 3 pieces in parallel.
- Net Metering ready.
- Dim. : 52.5 x 29.4x21.2 (LxWxH cm) , 20 x 11.57x8.4 (LxWxH inch)

**3 YEARS WARRANTY Parts & Labor ***

Model	iPS 3500-24	iPS 5000-24	iPS 4000-48	iPS 6000-48	iPS 8000-48	iPS 10000-48
Inverter						
Nominal battery voltage	24 V		48 V			
Input voltage range	19 – 34 V		38 – 68V			
Continuous power @ 25°C	3000 VA	4500 VA	3500 VA	5000 VA	7000 VA	9000 VA
Power 30 min. @ 25°C	3500 VA	5000 VA	4000 VA	6000 VA	8000 VA	10000 VA
Power 25 sec. @ 25°C	9 KVA	12.5 KVA	10.5 KVA	15 KVA	21 KVA	26 KVA
Consumption OFF/Stand-by/ON	4 W /10 W /14 W	4 W /10 W /23 W	4 W /10 W /28 W	4 W /10 W /35 W	4 W /10 W /46 W	4 W /10 W /69 W
Maximum load	Up to short-circuit					
Maximum asymmetric load	Up to Continuous power					
Load detection (stand-by)	2 to 25 W					
Maximum efficiency	93 %					
Output voltage	Sine wave 220Vac (+/- 2%)/190-245Vac					
Dynamic behavior	0.5 ms (on load change 0 to 100%)					
Overload and short-circuit	Automatic disconnection up to 10 times restart attempt					
Overheat protection	Warning before shut - with automatic restart					
Battery charger 6 step adjustable : I-U-Uo-Equalize-Uo(low)-U(periodic)						
Charging current adjustable	70 A	80 A	50 A	100 A	120 A	150 A
Maximum input voltage	265Vac					
Input AC voltage range/Freq. range	Adjustable threshold from 150 to 265Vac / 45 to 55Hz					
Battery control						
Absorption voltage**	28.8 / 19 – 34 V		57.6 / 38 - 68V			
Floating voltage**	27.2 / 19 – 34 V		54.4 / 38 - 68V			
Reduced floating voltage	19 – 34 V		38 – 68 V			
Reduced floating time	0 - 32 days					
Periodic absorption time	0 - 10 hours					
General data						
Auxiliary Output	2 independent Transistor short circuit protected outputs					
Auxiliary Input	2 Opto Coupler Programmable Input 10V → 60VDC					
Operating Temperature range	-20 to 55°C					
Relative humidity in operation	95 % without condensation					
Conformity	Directive EMC 2004/108/EC : EN 61000-6-1, EN 61000-6-3, EN 55014, EN 55022, EN 61000-3-2, 62040-2 Low voltage directive 2006/95/EC : EN 62040-1-1, EN 50091-2, EN 60950-1					
Weight with the carton box	26.6 Kg (59 lbs)	40 Kg(88 lbs)	36.6 Kg(81 lbs)	43.6 Kg(96 lbs)	51.6 Kg(114 lbs)	61.6 Kg(136 lbs)

*Reverse polarity not under warranty

** Programmable