

## Features

- Pure sin output wave, AVR mode,
- Synchronize with working mains voltage and frequency
- Automatic charger and inverter mode,
- Easy use, easy connection.

## Photo



## Applications

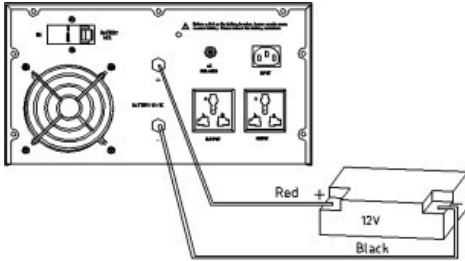
		
<p>Heating systems</p>	<p>Gas and solar systems</p>	<p>Security systems</p>
		
<p>Emergency lighting</p>	<p>Home electronics</p>	<p>Home automations</p>

## Technical parameters

MODEL	IPS300-SIN-WT-F2	IPS600-SIN-T-F2
Output power (apparent/active)	300VA/300W	500VA/500W
<b>INPUT</b>		
Input voltage	Rated: 230VAC Input voltage range: 156Vac – 294Vac	
Input frequency	50/60Hz ± 10% (autodetect)	
<b>OUTPUT</b>		
Output voltage	Mains mode: 182Vac – 253Vac, Battery mode: 230Vac +/- 5%,	
Frequency	50/60Hz ± 1% (auto-detect)	
Output waveform	Mains mode: pure sin, Battery mode: pure sin,	
Transfer time	Max.: 10 ms	
Output sockets	CEE 7/3 2pcs ( Schuko)	
Efficiency	Mains mode: <95% Battery mode: <80%	
Power factor	1,0	
Loads	Resistance, inductive, capacitive, rectifiers	
Overload in mains mode	105% - 300s, 110% - 120s, 125% - 60s, 150% - 10s; SWITCH TO BYPASS MODE	
Overload in battery mode	105% - 300s, 110% - 60s, 125% - 10s, 150% - 0,7s; INVERTER SHUTDOWN	
<b>BATTERY</b>		
Battery type	Lead Acid VRLA voltage: 12V	Lead Acid VRLA voltage: 12V
Charger current	5A	10A
Float voltage	13,6Vdc	13,6Vdc
End of discharge voltage	10,2Vdc	10,2Vdc
Batteries capacity:	1szt 12V 26....100Ah in 12V system	1szt 12V 26....200Ah in 12V system
Battery cabel lenght:	0,5m	0,5m
Wire diameter:	6mm <sup>2</sup> , M10	6mm <sup>2</sup> , M10
<b>PROTECTINS</b>		
Full protections	Overcurrent, short circuit, temperature, overvoltage, low discharge, over charge	
<b>ENVIRONMENT</b>		
Humidity	20~90% RH @ 0~40°C (non-condensate)	
Noise	Regulated fan speed	
<b>DIMMENSIONS &amp; WEIGHT</b>		
Net weight / gross weight (kg)	6,5 / 7,3 kg	7,5 / 8,3 kg
Dimensions width / depth / height (mm)	135 / 280 / 175 mm	
Package width / depth / height (mm)		

\*best charger current is 0,1C<sub>20</sub> capacity.

### Battery connection:



### Standard Accessories:

- input wire
- instruction manual

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