

## Uninterruptible Power Systems

# PULSAR SMART UPS

### SERIES

600 / 800 / 1000 / 1200 / 1500

### Models

PS-600-01-07-02  
PS-800-01-09-02  
PS-1000-02-07-04  
PS-1200-02-07-04  
PS-1500-02-09-04  
PS-3000-04-09-04

The Smart UPS is a line-interactive uninterruptible power supply system. During normal grid supply, the UPS provides protection against voltage fluctuations and recharges the built-in battery. In case of grid power failure, the UPS immediately provides power to the connected equipment from the built-in battery.



### MAIN FEATURES

- ① DSP control, with excellent performance and comprehensive protections
- ② Compact design to save installation space
- ③ Auto restart while AC power is recovering
- ④ Simulated Sine Wave
- ⑤ Off-mode charging
- ⑥ Cold start function
- ⑦ Overload, short and over discharge protection
- ⑧ Generator compatible (option)



## Data sheet Pulsar Smart UPS

Model	PS-600-01-07-02 PS-600-01-07-02-P	PS-800-01-09-02 PS-800-01-09-02-P	PS-1000-02-07-04 PS-1000-02-07-04-P	PS-1200-02-07-04 PS-1200-02-07-04-P	PS-1500-02-09-04 PS-1500-02-09-04-P	PS-2000-02-09-04 PS-2000-02-09-04	PS-3000-04-09-04 PS-3000-04-09-04-P
Power, VA / W	600 / 360	800 / 480	1000 / 600	1200 / 720	1500 / 900	2000 / 1200	3000 / 1800
<b>INPUT PARAMETERS</b>							
Rated voltage	220 / 230 / 240 (default 220) ±10						
Voltage range	145-290 Vac						
Frequency	60/50 Hz (auto sensing)						
<b>OUTPUT PARAMETERS</b>							
Voltage, V	220/230/240 VAC± 10%						
Frequency	50Hz or 60 Hz ± 1 Hz						
Transfer Time	Typical 2-8 ms						
Type and qnt. sockets for models PS-XXX-XX-XX-XX	CEE7/C2A.B		4		2		3
Type and qnt. sockets for models PS-XXX-XX-XX-XX-P	CEE7/C13		8		4		
Waveform : from AC power	Pure Sinewave						
from battery	Simulated Sine Wave						
<b>BATTERY</b>							
Battery Voltage/Qnt/Capacity	1x12B/7A	1x12B/9A	2x12B/7A		2x12B/9A		4x12B/7A
Battery type	Maintenance Free Lead Acid (VRLA) for Standard Model with internal battery						
Battery charge time H	4 hours above 90%						
Battery life work maxi load, min.	4	5	4	2	3		
<b>PROTECTION</b>							
Full Protection	Overload, short, discharge, and overcharge protection						
<b>ALARM</b>							
Battery Mode	Sounding every 10 seconds						
Low Battery	Sounding every second						
Overload	Sounding every 0.5 second						
Fault	Continuously sounding						
<b>INDICATORS</b>							
AC Mode	Green lighting					Green lighting from 2nd to 5th, showing the load level	
Battery Mode	Green Flashing					Green Flashing from 2nd to 5th, showing the battery	
Failure	Red LED lights up continuously						
<b>WEIGHT AND DIMENSIONS CHARACTERISTICS *</b>							
Width, mm	90	90	145	145	140	122	143
Depth, mm	275	275	343	345	325	327	387
Height, mm	140	140	161	160	165	190	214
Weight, kg	4,2	4,6	7,4	7,4	9	12	20
Noise level, dB	Less than 40 at 1m						
<b>OTHER PARAMETERS (OPTIONAL)</b>							
Supported interfaces	USB, RS-232						
Supported OS	Windows, Linux, macOS						
Display	LCD						

\* The overall dimensions may vary by ±5 mm.

Operating conditions: room temperature from 0 °C to plus 40 °C with humidity less than 95%.

Storage conditions: room temperature from minus 15 °C to plus 50 °C.

Transportation conditions: air temperature from minus 25 °C to plus 55 °C.