

Technical parameters:

MODEL	IPS300-SIN-WM	IPS600-SIN-WM
Output power (apparent/active)	300VA/300W	600VA/600W
INPUT		
Rated input voltage	230Vac 175Vac – 290Vac	
Input frequency	50/60Hz ± 10% (auto-detect)	
OUTPUT		
Output voltage	Mains mode: 199Vac – 254Vac Battery mode: 230Vac +/-5%, THD max 5%	
Frequency	50/60Hz ± 10% (auto-detect)	
Output waveform	Pure sine wave	
Transfer time	3-10ms	
Output sockets	2pcs (CEE 7/3 Schuko)	
Efficiency	>80% (battery mode)	
Loads	Resistance, inductive, capacitive, rectifier	
Overload in mains mode	105% by 300s, 110% by 120s, 125% by 60s, 150% by 10s, transfer to BYPASS mode	
Overload in battery mode	105% by 300s, 110% by 60s, 125% by 10s, 150% by 0,7s, system shut-down	
BATTERY		
Working voltage	13,7V	
Charger current	1-15A* (domyślnie 10A)	1-30A* (domyślnie 20A)
Equalizing voltage	14,1 Vdc	
Floating voltage	13,5Vdc	
End of discharge (default)	10,2Vdc	
End of discharge level	9,6-11,5Vdc	
Suitable battery capacity	26....400Ah	
Battery wires length	0,5m	
Battery wires cross-section	6mm ² , M10	
PROTECTIONS		
Full protections	Overload, overcurrent, thermal, battery protection	
ENVIRONMENT		
Humidity	20~90% RH @ 0~40°C (non-condensating)	
Noise level	Depend on load	
DIMMENSION & WEIGHT		
Weight netto/brutto (kg)	8,3/9,3	10,5/11,3
Lenght/width/height (mm) w / d / h	400x210x127	
Box lenght/width/height (mm)	490x290x195	

*selectable from LCD MENU, need to adjust depend on AGM battery capacity. Best is 0,1*C₂₀.