

UPS range Powerwat+11RS

power range from 6 up to 10 kVA
new-fashioned design

UPS range Powerwat+11RS are true modular on-line with double conversion technology, i.e. with permanent working rectifier and inverter. Output inverter is DSP controlled - in this way is achieved max. quality of output voltage independently on input voltage and output load. There is IGBT rectifier also DSP controlled and contains PFC circuit which ensures input low level power factor and low ripple input current. Batteries are internal or can be installed in external battery cubicles



Technical description		
UPS type	Powerwat+1106RS	Powerwat+1110RS
power (kVA)	6	10
power (kW)	5,4	9
output pf	0,9	
input		
input voltage	220,230,240 VAC	
input frequency	50 / 60 Hz	
input voltage range	176-275VAC	
input frequency range	40 – 70 Hz	
input pf	0,98	
input THDi	< 3%	
batteries		
battery voltage	192 VDC	
output		
rated output voltage	220,230,240 VAC	
output frequency	50 / 60 Hz	
output voltage precision	±1%(0-100% linear load)	
transient response	<5% for step load (20% - 80% -20%)	
output frequency regulation	50/60Hz ±0.1%	
synchronized range	settable ±0.1Hz ~ ±5Hz	
output THDu	<1% linear load; <5 % non-linear load according IEC/EN62040-3	
output overload	130%,1min; 150%,0,5min; shutdown po 1 min.(Line mode)	
efficiency	92 %	
general		
acoustic noise level (at 1m)	50dB @ 70% load	53dB @ 70% load
operating temperature	0 - 40°C	
relative humidity	0 - 95%	
dimension (w x d x h, mm)	438*680*218	
weight (kg)	62	70,5
colour	black,RAL 7021	
protection level	IP20	