



Presentation

The aim of inverters is to convert batteries direct voltage (**12, 24 or 48VDC**) into high quality **230VAC/50Hz** alternating voltage which can be used for all electrical appliances (**115VAC/60Hz or 230VAC/60Hz on request**). The SOLO+ digital sinewave inverter is the ultimate solution fulfilling the highest requirements in terms of comfort, safety and reliability. SOLO+ converters are Low Frequency technology which provide simplicity and high peak power overload.



Significant overload

SOLO+ inverters offer significant overload capacity for starting surges: more than 2 times the nominal power during 5 seconds.



Pure sinewave

Thanks to their sinusoidal signal without harmonic distortion, your devices are protected and energy loss is reduced.



High efficiency

SOLO+ inverters have high efficiency (>93%) and low stand-by consumption (around 1%).



High reliability

They meet the highest requirements in terms of comfort, safety and reliability in a limited size and weight.



Battery protection on stop

SOLO+ have a deep discharge battery protection that shutoff the inverter when battery voltage reaches 87% of nominal. It automatically restarts when nominal voltage is back.

12V

Part Number	SOLO12-230/275-50		SOLO12-230/500-50	SOLO12-230/1000-50
Model*	12V/275VA		12V/500VA	12V/1000VA
Technical features				
Battery tension	12VDC			
Input voltage	10.5 - 16VDC			
Continuous power	275VA	500VA	1000VA	
Power 30 minutes @ 25°C (77°F)	275VA	500VA	1000VA	
Power 5 secondes @ 25°C (77°F)	450VA	1000VA	2200VA	
Standby / Idle power	0.3 /2.4W	0,4 /4.6W	0,7/10W	
Maximum efficiency	93%	93%	93%	
Output voltage	Sine wave 230VAC +/-5% (115V +/-5%)			
Frequency	50 Hz +/- 0.05 % (60 Hz +/-0.05%)			
Cooling (forced ventilation)	From 45° C (113° F)			
Overheating protection	Yes			
Overload protection				
Short circuit protection				
IP protection index	IP 30			
Cos φ max	0.1-1			
Casing				
Dimensions	174 x 164 x 97 mm (6.85 x 6.46 x 3.82 in)	307 x 164 x 97 mm (12.09 x 6.46 x 3.82 in)	455 x 164 x 97 mm (17.91 x 6.46 x 3.82)	
Weight	3 Kg (6.6 lb)	5 Kg (11 lb)	9 Kg (19.8 lb)	
Options				
Remote control with 5 meters cable switch P/N: SEEL007130	No			SEEL007130

24V

Part Number	SOLO24-230/350-50	SOLO24-230/1300-50
Model*	24V 350VA	24V 1300VA
Technical features		
Battery tension	24VDC	
Input voltage	21 - 32VDC	
Continuous power	350VA	1300VA
ower 30 minutes @ 25°C (77°F)	350VA	1300VA
Power 5 secondes @ 25°C (77°F)	650VA	2800VA
Standby / Idle power	0.5/3.5W	1.2/13W
Maximum efficiency	94%	94%
Output voltage	Sine wave 230V +/-5% (120V +/-5%)	
Frequency	50 Hz +/- 0.05 % (60 Hz +/-0.05%)	
Cooling (forced ventilation)	From 45° C (113° F)	
Overheating protection	Yes	
Overload protection		
Short circuit protection		
IP protection index	IP 30	
Cos φ max	0.1-1	
Casing		
Dimensions	174 x 164 x 97 mm (6.85 x 6.46 x 3.82 in)	455 x 164 x 97 mm (17.91 x 6.46 x 3.82)
Weight	3 Kg (6.6 lb)	9 Kg (19.8 lb)
Options		
Remote control with 5 meters cable switch P/N: SEEL007130	No	SEEL007130

Part Number	SOLO48-230/400-50		SOLO48-230/700-50	
Model*	SOLO 48V 400VA		SOLO 48V 700VA	
Technical features				
Battery tension	48VDC			
Input voltage	42 - 64VDC			
Continuous power	400VA		700VA	
Power 30 minutes @ 25°C (77°F)	400VA		700VA	
Power 5 secondes @ 25°C (77°F)	1000VA		1400VA	
Standby / Idle power	1.1 /5.2W		1.5/12W	
Maximum efficiency	94%		94%	
Output voltage	Sine wave 230V +/-5% (120V +/-5%)			
Frequency	50 Hz +/- 0.05 % (60 Hz +/-0.05%)			
Cooling (forced ventilation)	From 45° C (113° F)			
Overheating protection	Yes			
Overload protection				
Short circuit protection				
IP protection index	IP 30			
Cos φ max	0.1-1			
Casing				
Dimensions	174 x 164 x 97 mm(6.85 x 6.46 x 3.82 in)		307 x 164 x 97 mm (12.09 x 6.46 x 3.82 in)	
Weight	3 Kg (6.6 lb)		5 Kg (11 lb)	
Options				
Remote control with 5 meters cable switch P/N: SEEL007130	No			
Standby system (1 to 20W)	No		Yes	



Photo : Alubat