

Pure Sine Wave Power Inverter - SE series

Model : SE-200 / SE-350 / SP-400

Capacity : 200 VA / 350 VA / 400 VA

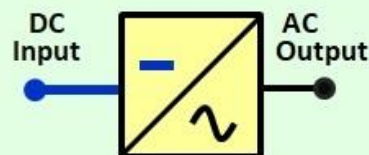
DC Input : 12V / 24V / 48 V (only SE-350 & SE-400)

AC Output : 110V (100/110/115/120 Vac) / 220V (200/220/230/240 Vac), 50Hz or 60Hz
Selectable by DIP switch

Note : SE-350 series will EOL (End of Life) valid from 1st of October 2019

Features:

- Wide DC input voltage range.
- Pure Sine Wave output.
- Output voltage and frequency selectable.
- Power saving mode selectable.
- Power ON/OFF remote control (Green Terminal).
- Light weight · Low profile and stylish design.
- Input & Output fully isolation.
- 3-color LED status indicator.
- Advanced protection features.
- E13 / CE / FCC (SE-200) / UL 458 (SE-400) approved.
- Remote controller, CR-8 (optional)



SE-200



SE-350



SE-400

AC Output Socket (Recaptacle) : NEMA type when AC 110V , Universal type when AC 220V



DC Input side
(Include RJ-11 & Green Terminal)



Remote ON/OFF controller
CR-8 (optional)

Model	SE-200	SE-350	SE-400
Output Rating Power	200 VA	350 VA	400 VA
Surge Power,	250VA (3 sec.)	700VA	< 800VA (1 sec.)
Output Waveform	Pure Sine Wave (THD<3% @ SE-200 & SE-350 , THD<5% @ SE-400)		
Output Voltage	200 / 220 / 230 / 240 Vac \pm 3% or 100 / 110 / 115 / 20 Vac \pm 5% (DIP switch selectable)		
Output Frequency	50 / 60 Hz \pm 0.5% (DIP switch selectable)		
Input DC Voltage	12 Vdc / 24 Vdc	12 Vdc / 24 Vdc / 48 Vdc	
Input Voltage Range	10/10.5 ~15.5/16 Vdc (12Vdc) ; 20/21 ~ 31/32 Vdc (24Vdc) ; 40/42~62/64 Vdc (48Vdc)		
Input No Load Current	\leq 0.5A@12Vdc \leq 0.4A@24Vdc	\leq 0.65~0.9A@12Vdc \leq 0.32~0.5A@24Vdc \leq 0.16~0.25A@48Vdc	\leq 1.0A@12Vdc \leq 0.5A@24Vdc \leq 0.25A@48Vdc
Power Saving Mode	< 0.12A@12Vdc < 0.06A@24Vdc	< 0.09A@12Vdc < 0.06A@24Vdc < 0.04A@48Vdc	< 0.2A@12Vdc < 0.1A@24Vdc < 0.05A@48Vdc
Efficiency (Max.)	89~93%	87~91%	88~90%
Protection – Input Under Voltage	Shutdown : 10-10.5 Vdc / 20-21 Vdc / 40-42 Vdc Alarm : 10.5 Vdc / 21 Vdc / 42 Vdc Recovery : 12-12.5 Vdc / 24 Vdc / 48 Vdc		
Protection – Input Over Voltage	Shutdown : 15.5-16 Vdc / 31-32 Vdc / 62-64 Vdc Alarm : 15 Vdc / 30 Vdc / 60 Vdc Recovery : 14.5 Vdc / 29 Vdc / 58 Vdc		
Protection	Overload / Short Circuit / DC Over Voltage / DC Under Voltage / Over Temperature		
DC Reverse Polarity	Protection By Fuse		
Operating Temperature	-20 ~ +60 °C ; over 40°C start to de-rate, please refer to de-rating curve		
Storage Temp & Humidity	-30 ~ +70 °C , 10~95% RH (non condensation)		
Safety Standards	Certificated UL 458 @110Vac of SE-400 ; Certificated EN60950-1 @ 220Vac		
EMC Standards	110Vac (SE-200 & SE-400) : Certificated FCC Class B 220Vac : Certificated EN55022 ; EN55024 ; EN61000-3-2 , EN61000-3-3; EN61000-4- 2 , 3, 4, 5, 6, 8, 11		
E-Mark	For 220Vac : Certified CISPR 25, ISO 7637-2		
LED Indicator	3 color LED Status Indicator		
Accessory (Optional)	Power ON/OFF Remote Control, CR-8		
Remote Control Terminal	Green Terminal		
Dimension (WxHxD),mm	150 x 68 x 187	150 x 68 x 187	150 x 68 x 187
Weight, Kg	1.6	1.6	2.2
Cooling	Temperature & load controlled cooling fan		
Application	Home and office applications, portable power equipment, vehicle, yacht and off-grid solar power system ... etc.		

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