

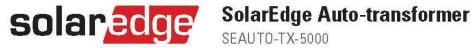
SolarEdge Single Phase StorEdge Inverter

for North America SE3800A-US(1), SE7600A-US(1)

- Single inverter for PV, grid-tied storage and backup power
- Includes the hardware required to provide automatic backup power to backed-up loads in case of grid interruption
- Includes all interfaces needed for battery connection
- UL1741 SA certified, for CPUC Rule 21 grid compliance

	SE3800A-US	SE7600A-US	
OUTPUT - AC (LOADS/GRID)			
Rated AC Power Output	3800	7600	VA
Max AC Power Output	4175	8350	VA
AC Output Voltage Min-Nom-Max (L-L) ⁽²⁾	211-24	10-264	Vac
AC Frequency Min-Nom-Max (2)	59.3 - 6	0 - 60.5	Hz
Maximum Continuous Output Current @240V	16	32	A
GFDI .			A
Utility Monitoring, Islanding Protection, Country Configurable	Ye		
Thresholds		53	
Charge Battery from AC (if Allowed)			
THD	Yes		%
Typical Nighttime Power Consumption	< <u><</u>		
		3	70
OUTPUT - AC (BACKUP POWER)(3)		/A\	
Rated AC Power Output	500		VA
Max AC Power Output - Surge	660)O ⁽⁴⁾	VA
AC Output Voltage Min-Nom-Max (L-L)	211-24	0-264	Vac
AC Output Voltage Min-Nom-Max (L-N)	105-12	20-132	Vac
AC Frequency Min-Nom-Max	55 - 6	0 - 65	Hz
Maximum Continuous Output Current @240V - Backup Mode	2	1	1 A
Max Continuous Output Current per Phase @120V	2	5	A
GFDI		5 1	Α
AC Circuit Breaker	Ye		Ω
THD			
***************************************		2	%
Automatic switchover time		Z	sec
Typical Nighttime Power Consumption	<	5	W
INPUT - DC (PV and BATTERY)			
Transformer-less, Ungrounded	Yes		
Max Input Voltage	500		Vdc
Nom DC Input Voltage	4(00	Vdc
Reverse-Polarity Protection	Ye	38	
Ground-Fault Isolaton Detection	600kΩ Sensitvity		
Maximum Inverter Efficiency	98		%
CEC Weighted Efficiency	97.5		%
INPUT - DC (PV)		<u>1966</u>	70
Maximum DC Power (STC)	5100	10250	W
Max Input Current ⁽⁵⁾	13	23	Adc
			Adc
2-pole Disconnection	Ye	es .	
INPUT - DC (BATTERY)		Service Constants	
Supported Battery Types	LG Chem		
Number of Batteries per Inverter	1 or	- 2 ⁽⁶⁾	
Continuous Power	5000		W
Peak Power	7000		W
Max Input Current	17.5		Adc
2-pole Disconnection	Yes		
DC Fuses on Plus and Minus	25A (field replaceable)		
ADDITIONAL FEATURES	23/1 (11610-11	epiaceabie)	
Supported Communication Interfaces	DC//OF for bottom/ DC//OF Etho	rnot Callular ZiaPao (antional)	
	RS485 for battery, RS485, Ethernet, Cellular, ZigBee (optional)		
Revenue Grade Data, ANSI C12.20	Optional ⁽⁷⁾ Yes		
Integrated AC, DC and Communication Connection Unit	~~		
AC Disconnect	Yes		
Manual Inverter Bypass Switch	Υe	es	
DC Voltage Rapid Shutdown (PV and Battery)	Yes, according to NEC 2014 and 2017 690.12		
	Yes		

Display to inverters with part numbers SExxxxA-USS2 and connection unit model number BCU-1PH-USS There other regional settings please contact SolarEdge Support. Not designed for standalone applications and requires AC for commissioning The rated AC power output is the minimum between the AC Power Output and the battery continuous peak power A higher current source may be used; the inverter will limit its input current to the values stated When connecting two LG Chern batteries, each battery, must have a different part number; supporting SolarEdge firmware required Revenue grade inverter P/N: SExxxxA-USS20NHY2



	SEAUTO-TX-5000	
ELECTRICAL RATINGS		
Rated Power - Continuous	5000 VA	
Rated Power - Peak	7600 for 10sec	VA
Output Voltage	120/240V Split Phase	
Max Continuous Output Current per Phase @120V	25	A
Split Phase imbalance (@Rated Power)	Yes, up to 25A difference between phases	***************************************
Thermal Protection	Yes	*******************************
INSTALLATION SPECIFICATIONS		
ACOutput conduit size / AWG range	0.75" / 14-6 AWG	
Dimensions (HxWxD)	6.7 × 7.9 × 5.5 / 170 × 200 × 140	in/mm
Weight	29.7 / 13.5	lb/kg
Min - Max Operating Temperature	-13 to +140 / -25 to +60	°F/°C
Protection Rating	NEMA 3R	
Installation	Wall mounted	





SolarEdge Electricity Meter for North America

SE-MTR240-0-000-S2

For meter specifications refer to: https://www.solaredge.com/sites/default/files/se_electricity_meter_na.pdf



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REVISIONS					
DESCRIPTION	N DATE REV				

Signature with Seal

DATE: 01/06/2020

PROJECT NAME & ADDRESS

DWIGHT BLAKEY RESIDENCE

15024 ASHTON RD, DETROIT, MI 48223

DESIGNED BY

PHS

SHEET NAME **EQUIPMENT SPECIFICATION**

SHEET SIZE

ANSI B 11" X 17"

SHEET NUMBER

PV-8