

## STR3I Series

Single Phase In / Single Phase Out

▲ 1k-10kVA



### Features :

(6K-10KVA)

- ◆ High efficiency up to 95%
- ◆ KVA=kW, Output PF=1
- ◆ Compact size 2U height
- ◆ Parallel up to 4 units
- ◆ Intelligent charging management improves the battery life time effectively

MODEL	STR3I-1101S	STR3I-1102S	STR3I-1103S	STR3I-1106S	STR3I-1110S
	STR3I-1101L	STR3I-1102L	STR3I-1103L	STR3I-1106L	STR3I-1110L
Capacity (kVA)	1kVA	2kVA	3kVA	6kVA	10kVA
<b>Input</b>					
Phase	Single phase in, single phase out				
Input Voltage Range	110VAC~288VAC				
	100% load@>176VAC ; 80% load@>154VAC ; 70% load@>132VAC ; 50% load@>110VAC			100% load@>176VAC ; 90% load@>160VAC ; 80% load@>140VAC ; 60% load@>110VAC	
Input Frequency Range	40Hz - 70Hz				
Input Power Factor	≥0.97			≥0.99	
<b>Output</b>					
Voltage	220/230/240VAC				
Rated Frequency	50/60Hz				
Output Power Factor	0.9			1	
THDv	≤2% THD, linear load			≤1% THD, linear load	
Overload Capability	105%~130%: Transfer to bypass after 1 min; 150%: Transfer to bypass after 30s			110%: for 10 mins ; 125% : for 1 min ; 150%: for 30s	
Output Frequency Synchronized Range	±5Hz default, settable				
<b>Battery</b>					
Battery Rate Voltage	36VDC	72VDC	96VDC	192VDC	
Battery Type / Number	12VDC/7Ah × 3	12VDC/7Ah × 6	12VDC/7Ah × 8	12VDC/7Ah × 16	12VDC/9Ah × 16
	External	External	External	External	External
<b>Efficiency</b>					
Normal Operation	87%	91%	90%	95%	
ECO mode	94%	97%			
<b>Others</b>					
Display	LED + LCD				
Communication Interface	RS232 ( Optional: RS485, SNMP, Dry Contacts )				
Operation Temperature	0~40°C				
Relative Humidity	0 ~ 95%, No condensation				
Noise (1 meter)	<50dB	<55dB	<55dB	<58dB	
Dimension (W*D*H,mm)	440*430*86	440*480*173	440*480*173	440*660*173	
	440*430*86	440*480*86	440*480*86	440*550*86	
Weight (Kg)	11.5	25	31	59	67
	7	8	9.5	17.5	20.5

\* Specification is subject to change without prior notice.