

ST4I Series

Three Phase In / Single Phase Out

▲ 10k-40kVA



Features :

- ◆ Output PF=0.9
- ◆ Input PF \geq 0.95, wide range of input voltage
- ◆ Intelligent fan speed control
- ◆ Parallel up to 3 units
- ◆ Full protection of overvoltage, circuit short and over temperature
- ◆ LCD display, monitoring all the operation status

MODEL	ST4I-3110S	ST4I-3115L	ST4I-3120L	ST4I-3140L
	ST4I-3110L			
Capacity (kVA)	10kVA	15kVA	20kVA	40kVA
Input				
Phase	Three phase in (3 Phases + N + PE), Single phase out			
Input Voltage	50%~125% (380VAC/400VAC/415VAC)			
	100% load at 80%~125% ; 90% load at 70%~80% ; 80% load at 60%~70% ; 65% load at 50%~60%			
Input Power Factor	0.95			0.99
Input Frequency Range	40~70Hz			
Output				
Power Factor	0.9			
Output Voltage Waveform	Pure Sine Wave			
Output Nominal voltage	220/230/240VAC			
Output Voltage regulation	\pm 1 %			
THDv	\leq 1% THD, linear load			
Output Frequency Synchronization range	\pm 3Hz default, settable			
Transfer Time (Line mode to battery mode)	0ms			
Transfer Time (Inverter to bypass)	0ms			
Crest Ratio	3:1			
Overload Capability	110%: Transfer to bypass after 10 mins ; 130%: for 1 min ; 150%: for 30s (shut down the bypass after 1 min)			
Efficiency				
Line mode with battery full charged	93.0%	93.5%	93.5%	95.0%
ECO mode	98.0%			
Battery				
Battery Voltage	192VDC			\pm 240VDC
Battery Type / Number	12VDC/9Ah \times 16	External	External	External
	External			
Others				
Noise (1m away)	<66dB			<65dB
Display	LED+LCD			
Communication Interface	RS232 (Optional: SNMP, USB, Dry Contacts)			RS232, RS485, USB, Dry Contacts (Optional: SNMP)
Dimension W \times D \times H (mm)	250*562*770	250*562*650	250*562*710	600*980*950
	250*562*650			
Weight (KG)	69	27	34	170
	25			

* Specification is subject to change without prior notice.