

S4K 6 and 10 kVA Specifications - continued

Table 2: UPS Specifications

Parameters	Model Number	
	S4K4U6000C	S4K6U10KC
Bypass Protection Limits		
Disable Bypass Operation	If input voltage exceeds $\pm 15\%$ of the nominal voltage	
Re-enable Bypass Operation	If input voltage returns to within $\pm 10\%$ of nominal output voltage	
Disable Bypass Operation	When the input frequency prevents synchronous operation	
Environmental Requirements		
Operating Temperature	0°C to +40°C; see Table 11 for operating temperature parameters	
Storage Temperature	-15°C to +50°C	
Relative Humidity	0% to 95%, non-condensing	
Operating Elevation	Up to 10,000 ft. (3,000 m)	
Audible Noise	<55 dBA @ 3.2 ft. (1 m) rear; <50 dBA @ 3.2 ft. (1 m) front & sides	
Standards		
EMC	FCC Part 15, Subpart B, Class A, FCC Class A	

Table 3: Operating Temperature Parameters

Ambient Temperature	Model Number	
	S4K4U6000C	S4K6U10KC
pf @ 30°C ±3°C	0.8 pf	0.9 pf
pf @ 40°C ±3°C	0.8 pf	0.8 pf

Table 4: Internal Battery Specifications

Parameters	Model Number	
	S4K144INTBATC	S4K288INTBATC
Used with UPS Models	S4K4U6000C	S4K6U10KC
Dimensions – W x D x H, in. (mm)		
Unit	2.80 x 19.30 x 8.10 (70.0 x 490.0 x 206.0)	5.30 x 19.70 x 8.10 (135.0 x 500.0 x 207.0)
Shipping	12.20 x 23.70 x 10.30 (310.0 x 602.0 x 262.0)	12.20 x 23.90 x 9.50 (310.0 x 607.0 x 242.0)
Weight – lbs. (kg)		
Unit	75.8 (34.40)	71.1 (32.30)
Shipping	81.1 (36.80)	76.4 (34.70)
Battery Parameters		
Type	Valve-regulated, non-spillable, flame retardant, lead acid	
Qty x V x Rating	2 x 6 x 12 V x 9.0 Ah	2 x 12 x 12 V x 9.0 Ah
Battery Mfr./Part Number	CSB type UPS12460F2	
Back–up Time	See Table 8	
Recharge Time	3 hours to 90% capacity after full discharge into 100% load	
Environmental Requirements		
Operating Temperature	0°C to +40°C	
Storage Temperature	-15°C to +50°C	
Relative Humidity	0% to 95%, non-condensing	
Operating Elevation	Up to 10,000 ft. (3,000 m) at +40°C without derating	

Table 5: External Battery Cabinet Specifications

Parameters	Model Number	
	S4K144BATC	S4K288BATC
Used with UPS Models	S4K4U6000C	S4K6U10KC
Dimensions – W x D x H, in. (mm)		
Unit (with bezel)	3.30 x 26.10 x 16.90 (85.0 x 662.0 x 430.0)	6.80 x 26.50 x 16.90 (173.0 x 672.0 x 430.0)
Shipping	25.80 x 34.30 x 12.30 (655.0 x 872.0 x 312.0)	13.20 x 33.10 x 24.50 (336.0 x 842.0 x 622.0)
Weight – lbs. (kg)		
Unit	99.9 (45.30)	29.8 (13.50)
Shipping	110.2 (50.00)	44.1 (20.00)
Battery Parameters		
Type	Valve-regulated, non-spillable, flame retardant, lead acid	
Qty x V x Rating	2 x 6 x 12 V x 9.0 Ah	2 x 12 x 12 V x 9.0 Ah
Battery Mfr./Part Number	CSB type UPS12460F2	
Back–up Time	See Table 8	
Environmental Requirements		
Operating Temperature	0°C to +40°C	
Storage Temperature	-15°C to +50°C	
Relative Humidity	0% to 95%, non-condensing	
Operating Elevation	Up to 10,000 ft. (3,000 m) at +40°C without derating	