

Uninterruptible Power Supply

CASTLE SERIES

1/2/3kVA



APPLICATIONS

Servers, Data-Centre, Telecom, Critical network devices, Sensitive electronic equipment

FEATURES

- True on-line double conversion technology with advanced DSP control
- Wide input voltage range
- Zero transfer time
- Protection against all type of power problems
- Self test while start of the UPS
- On-battery power-on function
- Site wiring fault warning
- Equipped with RJ45 surge protection port
- Smart RS232 interface and Intelligent slot available
- Remote emergency power off (EPO)
- Sealed lead-acid, maintenance free battery

CASTLE UPS

SPECIFICATIONS

INPUT	Nominal Voltage	220VAC
	Voltage Range	115~300VAC
	Frequency	50/60Hz
	Power Factor	0.98
OUTPUT	Voltage	220VAC $\pm 2\%$
	Power Factor	0.8
	Waveform	Sine wave
	Overload Capability	> 108% for 47 sec. > 150% for 25 sec. > 200% for 300 ms.
NETWORK PROTECTION	RJ45 Port	Surge protection for network or Fax/Modem
COMMUNICATIONS		RS232 serial port and Intelligent Slot(mini)
EPO		Available
ENVIRONMENTAL	Temperature	0°C ~ 40°C
	Humidity	20% ~ 90% non-condensing
STANDARDS & SAFETY (EMC)	EMI	EN55022 / IEC62040-2 CLASS B
	EMS	IEC61000-4-2 (ESD) Level 4
		IEC61000-4-3 (RS) Level 3
		IEC61000-4-4 (EFT) Level 4
		IEC61000-4-5 (Surge) Level 4
	Safety	IEC62040-1

Model	Power Rating	Backup Time (FL/HL)	Input Connection	Output Connection	Dimensions (W x D x H mm)	Weight (kg)
C1K_E, C1K_EX	1kVA/0.8kW	5 min/11 min	IEC320-10A (C14)	IEC320-10A(C13) * 4	145 x 355 x 220	12
C1KS_E, C1KS_EX		--				6.5
C2K_E, C2K_EX	2kVA/1.6kW	5 min/11 min	IEC320-16A (C20)	IEC320-10A(C13) * 6	190 x 383 x 318	23
C2KS_E, C2KS_EX		--				10.5
C3K_E, C3K_EX	3kVA/2.4kW	5 min/11 min	IEC320-16A (C20)	Terminal block + IEC320-10A(C13) * 4	190 x 433 x 318	28
C3KS_E, C3KS_EX		--				11.5

Specifications are subject to change without notice

Notes

1. The models with suffix E are with LED functional indicators only;
2. The models with suffix EX are with LCD display which shows UPS parameters;
3. Long Back-up Time models are available, please consult SANTAK distributors for further information.

Options:

- WebPower SNMP/WEB Agent Card
- EMD
- USB card
- AS400 interface
- WinPower CMC (RS485) interface



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