

CASTLE Series: 6KVA, 10KVA

Power Manager in Computer Room: 6KVA, 10KVA

Specifications

Product Series		CASTLE	
Model		C6K	C10K
Rated Power	Volt-Amps/Watts (VA/W)	6kVA/4.2kW	10kVA/7kW
Input	Nominal Voltage	220Vac	
	Voltage Range	176~276Vac	
	Frequency Range	46.5~55Hz	
	Phase	Single phase with ground	
	Current	24A (30Amax)	39A (49Amax)
	Power Factor	0.97	
Output	Voltage	220Vac ± 3%	
	Frequency	50Hz ± 0.5% (Battery mode)	
	Wave-Form	Sine wave	
	Power Factor	0.7	
	Distortion	< 5%	
	Overload Capability	105%~130% for 10 min.; 130% for 1 sec. (Line Mode) 105% for 1 sec. (Battery mode)	
	Current Crest Ratio	3:1 max	
Battery	Type	Sealed Lead-Acid, Maintenance free (Panasonic)	
	Capacity	12V7.0Ah * 20 PCS	12V7.0Ah * 40 PCS
	Back-up Time (Full load /half load)	8 min / 24 min	8 min / 20 min
	Recharge Time	8 hrs to 90% of full capacity after full load discharge	
	Floating Charging Voltage	274Vdc ± 0.5V	
Transfer Time		Zero	
LED indicators	Status	Load level / Battery level, Battery, Utility Power, Inverter, Bypass, Overload, Fault	
Audible Alarm	Battery mode	Alarm beeps every four seconds, every second if battery low	
	Overload	Alarm beeps two for every second	
	Fault	Alarm beeps continuously	
Acoustic Noise	At 1 meter distance	< 55 dBA	
Input / Output Connection		Terminal Block	
Communications	DB-9 Connector	RS-232 Serial Interface; Power monitoring and unattended system(s) shutdown via WinPower Software	
	Intelligent Slot (SNMP)	Power management from SNMP manager and web browser via WebPower (Option)	
Environment	Operating Temperature	0 ~ 40℃	
	Operating Humidity	20% ~ 90% non-condensing	
Applications	Servers, Data-Centre, Critical network devices, Sensitive electronic equipment, Telecom...		
Weight	Unit	84 Kg	180 Kg
	Shipping	107 Kg	210 Kg
Dimensions	Unit	260 x 555 x 710	340 x 640 x 980
	W x D X H (mm)	470 x 780 x 985	560 x 890 x 1250

Specifications are subject to change without notice