



酷睿创显
Creative Media

CM-400H-V24 Specification-V3.0

Product Features:

- ◆ Input voltage: 170-265Vac~50/60Hz
- ◆ Efficiency of 91% (typical value)
- ◆ Constant voltage output control mode
- ◆ Class I metal shell structure, protection level: IP68
- ◆ Lightning protection level: differential mode 4KV, common mode 6KV
- ◆ Comprehensive protection: output over temperature, output over voltage, output over current, short circuit protection





CM-400H-V24

Base specification

Input data

Specification	minimum	typical	maximum	REMARK
Rated input voltage	170Vac 280Vdc	220Vac	265Vac 340Vdc	N/A
Input voltage range	170Vac	-	265Vac	N/A
Input frequency	47Hz	50/60Hz	63Hz	N/A
Power factor	-	-	-	N/A
harmonic distortion	-	-	-	N/A
input current		-	3.5A	100% load, 176Vac input
inrush current	-	-	90A	230Vac input, cold start (25 °C)
16A circuit breaker can be configured with the same type Number of power sources	At 230Vac input, 3 (C-type circuit breakers)/3 (B-type circuit breakers) can be configured			



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Out put data

Specification	minimum	typical	maximum	REMARK
rated current	-	16.6A	-	N/A
Current regulation range	0A	-	16.6A	N/A
Output voltage range	-	24V	-	N/A
Rated power (200-240Vac)	-	400W	-	N/A
Output no-load voltage	-	-	24.5V	N/A
Efficiency @ 230Vac	90%	92%	-	100% load @ 230Vac
Ripple & noise	-	<300mV	-	100% load
voltage accuracy	-3%	-	+3%	100% load
Linear adjustment rate	-3%	-	+3%	50-100% load @ 230Vac
Load adjustment rate	-3%	-	+3%	50-100% load @ 230Vac
Startup time	-	-	500ms	Full load @ 230Vac



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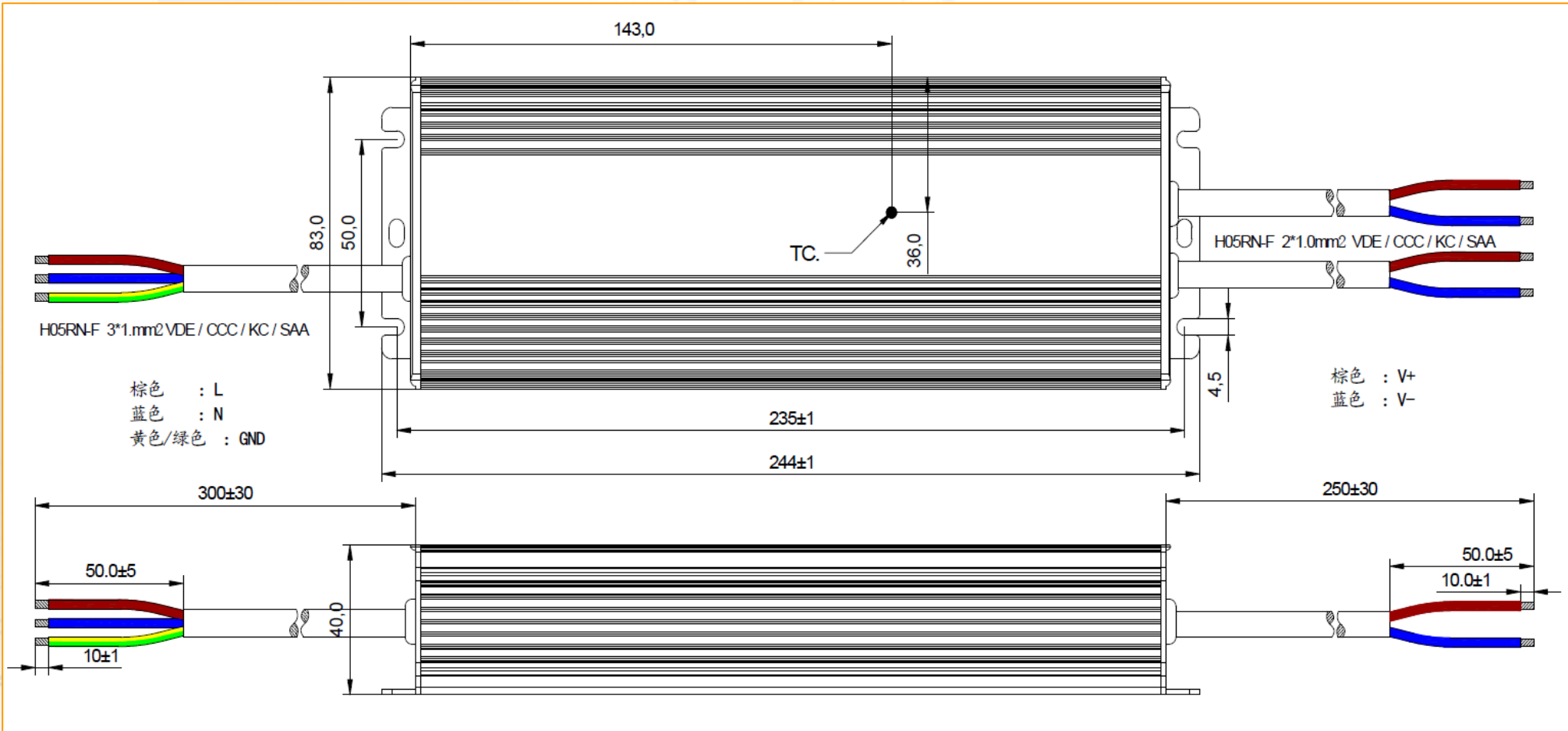
Base specification

Includes functions	Functional Description
over load protection	Protection mode: Hiccup restart mode, can automatically recover after removing abnormal load conditions
Output short circuit protection	Hiccup mode, can automatically recover after removing abnormal conditions
Over temperature protection	Self recoverable type; When the temperature of the casing exceeds 105 ° C, the output will turn off as the temperature increases
Output overcurrent protection	Output current > 1.1-1.5 times turn off
Safety Regulations	GB4943.1 , IEC62368-1 , EN62368-1
EMC electromagnetic compatibility	CQC12-045670 , GB/T 9254.1 , EN55032/55035
Lightning protection level	Differential mode L-N \pm 4 KV (2 Ω), common mode L, N-ground \pm 6KV (12 Ω) refer to IEC61000-4-5 2014
pressure resistance	I/P-O/P:3.75KVac I/P-PE:2KVac; O/P-PE:0.5KVac
insulation resistance	I/P-PE:100M Ω / 500Vdc; I/P-O/P:100M Ω / 500VDC / 25°C/ 70% RH
leakage current	<0.7mA@240Vac
Operating Temperature	-40 ~ +70°C@200-240Vac
Operating Humidity	20 ~ 95% RH,
Storage temperature and humidity	-30~+80°C, 10 ~ 95% RH
vibration-resistant	10 ~ 500Hz, 5G 12 mins , X、 Y、 Z 72 mins
MTBF	230Khrs min. MIL-HDBK-217F (Ta=25°C)
Lifespan time	50000h, 220Vac, TC \leq 75°C



CM-400H-V24

Physical Dimension





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We control the light, and the light serves you!