



**±24V DC Input Industrial
Switching Mode Power Supply**

Series	Model No.	Output Watts	Input Voltage	Input Voltage range	LED Indicator
24	STC-242300400	2300 W	±24VDC	±18VDC~ ±36VDC	9 LED indicator
	STC-243000400	3000 W			
	STC-243600400	3600 W			

ENVIRONMENTAL CONDITIONS:

- ▶ Cooling: Forced Air-cooling, **80x80x25 mm Fan x 9(With Two Ball Bearing)**
- ▶ Operating Temperature: **0°C~+60°C**
- ▶ Operating Humidity: 20%~85% RH. (Non condensing)
- ▶ Storage Temperature: -20°C~+80°C
- ▶ Storage Humidity: 10%~90% RH. (Non condensing)
- ▶ Operating Altitude: 10M Below Sea level to 3000M Above Sea level

DC INPUT CHARACTERISTICS:

- ▶ Input connector type 300A/ 600V UL Approved 3-Pin Terminal
- ▶ Input Current 250/ 125A(3600W) 208/104(3000W) 160/80A(2300W)
@ Full Load input Low Line & High Line
- ▶ Inrush Current Less than 180A Cold start @25°C ambient

DC OUTPUT CHARACTERISTICS:

Output Voltage	Regulation			Output Current						Ripple & Noise	
	Load	Line	Cross	3600W		3000W		2300W			
				Min.	Max.						
+400V	3%	1%			9		7.5		5.75	4000mV	
Constant Current Region				200~400V	200~400V	200~400V				Wattage	
Maximum continuous total DC output power shall not exceed				3600	3000	2300					

OVERALL PERFORMANCE:

- ▶ Efficiency: 75% typical @24V DC Full Load
- ▶ Hold up time:
- ▶ Rise time:
- ▶ Power Good Signal:
- ▶ Short Circuit Protection (SCP): All output equipped with SCP (shutdown and latch off)
- ▶ Over Power Protection (OPP): Peak power protected to 130%±10% of continuous rated power (shutdown and latch off)
- ▶ Over Voltage Protection (OVP): +400V @ 480V DC

RELIABILITY:

- ▶ MTBF: 100,000 hours @max. Load, 24V DC & 25°C ambient
- ▶ Safety Standards: Meet UL60950, TÜV EN60950
- ▶ Safety Approved:
- ▶ EMI Compatibility (EMC): FCC Part 15 Class A, CISPR22 (EN55022) Class A (CE mark)
- ▶ Dielectric Withstand: Input to Output: 500Vdc for 1second
- ▶ Dielectric Withstand: Input to Frame ground 500Vdc for 1second
- ▶ Leakage Current: <0.005mA @ 24VDC

Output Device Connector Specific: Terminal type 30A/600V

Power Chassis Dimension:
475(L) x 260(W) x 272(H) mm
18.7(L) x 10.23(W) x 10.7(H) Inches

Net Weight:
30 kg
66 Lbs

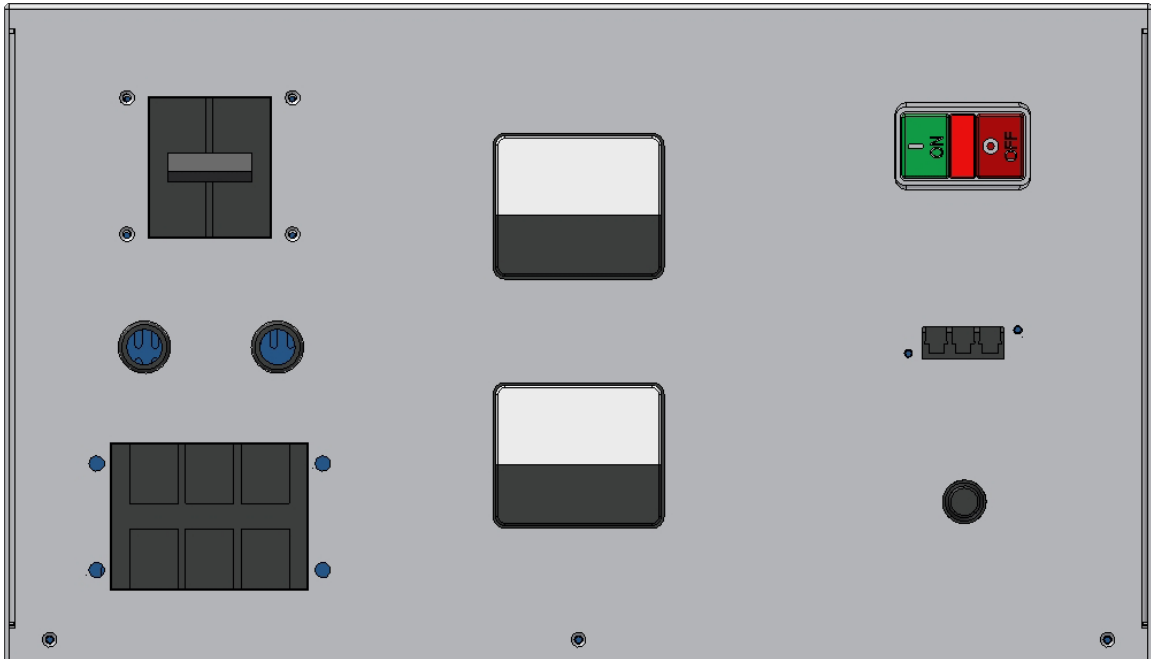
Gross Weight:
35 kg
77 Lbs

Packing Detail:
Wooden pallet
550(L) x 380(W) x 350(H) mm

Measurement of Carton:
0.073 M³
2.58 Cuft

Mechanical drawings:

Front View



Top View



Rear view

