



GROUND POWER UNITS: RECTIFIERS 28.5 VDC

Tronair stands ready to assist with your aircraft power needs. The Tronair rectifier is designed to convert AC hanger voltage into 28.5 VDC output for parked aircraft, servicing up to 600 amps continuous and 2,000 amps peak for APU starting. With simple to use controls, the option to operate off 50 or 60 Hz, and with single or dual system output cables, Tronair rectifiers are configured to meet your specific operational needs.

A series of protection systems guarantee safe operation to protect both the unit and the aircraft. LED indication lights that double as a diagnostic tool further ensure a long life cycle for the Tronair rectifier. The low profile unit is cable of fitting under most aircraft wings, and with quiet operation of 20dB, the Tronair rectifier is the ideal choice.

Tronair has been a leading ground support equipment manufacturer since 1971. Extensive engineering capabilities and customer collaboration drive innovative solutions that support safe and efficient aircraft ground operations and maintenance. Designed and manufactured in the United States, Tronair's GPU product line is backed by factory direct service and a worldwide support network.

STANDARD FEATURES

- 20 ft (6.1m) output cable
- 50 ft (15.2m) input cable
- 25 kVa transformer
- Low voltage ripple
- Adjustable current limiting
- Input & Output over/under voltage protection
- Output over current protection
- Input phase loss detection
- Transformer & SCR over temperature protection

SELECTABLE OPTIONS

- 100ft (30.5m) input cable
- 50 or 60 Hz input power
- Single or Dual output cable



The Most Trusted Name in GSE

TRONAIR, INC.

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GROUND POWER UNITS: RECTIFIERS, 28.5 VDC

	MODEL	112860X0X00	112850X0X00	
DIMENSIONS	Weight (Dry)	700 lbs (318 Kg)		
	Width	33.5 in (85 cm)		
	Height	33.5 in (85 cm)		
	Length	42 in (107 cm)		
	Output Cable (Single)	20ft (6m) w/ AN 2551 connector aircraft DC plug		
	Output Cable (Dual)	20ft (6m) and 50ft (15.25m) w/ AN 2551 connector aircraft DC plug		
	Finish	Powder coated and corrosion resistant		
	Frame	Large 9 in (23 cm) rubber rigid and lockable swivel casters		
ELECTRICAL	Input Power	200-480V +- 10%		
	Input Cable	50ft (12.2m) standard input cable, 100ft (30.5m) optional input cable		
	Power Rating	25 kVa		
	Phase - Frequency	3 PH, 60 Hz	3 PH, 50 Hz	
	Voltage Output	28.5 VDC		
	Peak Output (Adjustable)	2000 amp peak, 600 amp continuous		
SPECIFICATIONS	Cooling	Energy saving thermal control cooling fan		
	Output Protection	Over/under voltage, over current		
	Input Protection	Phase loss, over/under voltage, over current		
	Heat Protection	Transformer and SCR over temperature		
PART NUMBERING SYSTEM	MODEL	INPUT HZ	OUTPUT CABLE	INPUT CABLE FT (M)
	112860S0000	60 Hz	Single	—
	112860S0100	60 Hz	Single	50 (15.2)
	112860S0200	60 Hz	Single	100 (30.5)
	112860D0000	60 Hz	Dual	—
	112860D0100	60 Hz	Dual	50 (15.2)
	112860D0200	60 Hz	Dual	100 (30.5)
	112850S0000	50 Hz	Single	—
	112850S0100	50 Hz	Single	50 (15.2)
	112850S0200	50 Hz	Single	100 (30.5)
	112850D0000	50 Hz	Dual	—
	112850D0100	50 Hz	Dual	50 (15.2)
	112850D0200	50 Hz	Dual	100 (30.5)

SOLD & SERVICED BY:



Setting the worldwide standard in GSE.

