

POWER SUPPLY



Power supply is designed to provide stable DC voltage for devices in cabins of aircraft.

- Compact aluminum case with polymeric coating
- Vibration- and shockproof
- Stability against variation of atmosphere pressure
- Protection against input voltage peaks
- Overvoltage protection
- Short-circuit and overload protection
- I/O isolation
- No forced air cooling

TECHNICAL SPECIFICATION

Characteristics	Power supply (Part Number)				
	PS3-27DC27 (436434.001.000-01)	PS3-27DC14 (436434.001.000)	PS500-115AC28 (436627.004.000)	PS300-115AC28 (436627.002.000)	PS360-115AC14 (436627.003.000)
Input voltage, V	27±6 VDC		115/200 VAC 400 Hz		
Output power, W	54	56	500	300	360
Output voltage, VDC	27±0.54	14±0.28	28±0.28		14±0.14
Rated output current, A	2	4	18	10	12
Output current, A	0-2	0-4	1-18	1-10	1-25
Output current limitation, A	2.1-2.8	4.2-5.2	21-24	11-13	27-31
Line regulation, %	±1				
Load regulation, %	±2		±3	±2	±3
Ripple, %	±1				
Conversion frequency, kHz	70		75		
I/O isolation voltage, V ? ?	500		1500		
Efficiency, %	80				
Operational temperature range, °C	-20 ... +55				
MTBF, h	45000				
Degree of protection	IP20				
Dimensions, mm ³	140×125×40		300×180×88		
Weight, kg	0.5		4.3		