

## POWER SUPPLY



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

- 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
- No forced air cooling
- I/O isolation

### TECHNICAL DATA

Power supply (Part Number)	PS3-27DC27 (436434.001.000-01)	PS3-27DC14 (436434.001.000)	PS2-27DC14 (436437.001.000)	PS500-115AC28 (436627.004.000)	PS300-115AC28 (436627.002.000)	PS360-115AC14 (436627.003.000)
Characteristics						
Input voltage, V	27±6 DC			115±18 AC, 400 Hz		
Output power, W	54	56	600	500	300	360
Output voltage, VDC	27±0.54	14±0.28		28±0.28		14±0.1 4
Rated output current, A	2	4	14	18	10	12
Output current, A	0-2	0-4	0-30	1-18	1-10	1-25
Output current limitation, A	2.1-2.8	4.2-5.2	33-37	19-22	11-13	27-31
Line regulation under input voltage change, % from Un not more	±1					
Load regulation,% from Un not more	±2			±3	±2	±3
Ripple, % from Un, not more	±1					
Conversion frequency, kHz	70			60		
I/O isolation voltage, VAC	500			1500		
Efficiency, %	80					
Operational temperature range, °C	-20 ... +55					
MTBF, h	45000					
Degree of protection	IP20					
Dimensions, mm	140×125×40			300×180×88		
Weight, kg	0.8		4,1	4.3		