

145W Single group output switching power supply



INDEX TYPE	S-145-5	S-145-7.5	S-145-12	S-145-24
DC VOLTAGE	5V	7.5V	12V	24V
VOLTAGE TOLERANCE	±2%	±1%	±1%	±1%
RATED CURRENT	25A	18A	12A	6A
CURRENT RANGE	0-25A	0-18A	0-12A	0-6A
RIPPLE&NOISE(MAX.)	100mVp-p	100mVp-p	100mVp-p	100mVp-p
LINE REGULATION	±0.5%	±0.5%	±0.3%	±0.2%
LOAD REGULATION	±0.5%	±0.5%	±0.3%	±0.2%
RATED POWER	125W	135W	144W	144W
EFFICIENCY(Typ.)	78%	80.5%	80.5%	83.5%
VOLTAGE ADJ.RANGE	4.75-5.5V	6-8V	10.8-13.2V	21-28V
VOLTAGE RANGE	85~132VAC/170-264VAC auto switch 47~63Hz;255~370VDC			
AC CURRENT	3.2A/115V 1.6A/230V			
INRUSH CURRENT(MAX.)	cold inrushed current 35A/115V 60A/230V			
LEAKAGE CURRENT	<1mA/240VAC			
OVERLOAD PROTECTION	105-150%TYPE:OUTPUT CUTOUT,REPLACEMENT, AC Restart			
OVERTEMPERATURE PROTECTION			
TEMP.COEFFICIENT	±0.03%/°C(0~50°C)			
SETUP.RISE,HOLD TIME??	100ms,50ms,20ms/230VAC			
VIBRATION	10~500Hz,2G 10min,/11 cycle,60min,each axes			
WITHSTAND VOLTAGE	I/P-O/P:2KVACI/P-FG:1.5KVACI/P-FG:0.5KVAC			



ISOLATED RESISTOR	I/P-O/P,I/P-FG,I/P-FG: 100M Ω /500VDC
WORKING TEMP.HUMIDITY	-10 $^{\circ}$ C~+60 $^{\circ}$ C(REFER TO CHARACTER CURVE),20%~90RH
STORAGE TEMP.HUMIDITY	-20 $^{\circ}$ C~+85 $^{\circ}$ C,10%~95%RH
DIMENSION	199*98*38mm
WEIGHT	0.7Kgs
SAFETY STANDARDS	CE
EMC	FCCpart15J classB

