SKxx-90xx-ST2 Laptop Power Supplies 90W

Country of Origin : China

Operating Temperature : 0 ÷ 40 [°C]

Dimension : 153 x 67 x 18.5 [mm]

Efficiency level (ErP) : V

Approvals / Marks : CE TUV GS c UL

Features:

- Green Product = High efficiency circuitry that generates little heat : CEC V.
- Extra safe design | Built-in EMI filter | Super Slim Model <17mm | Perfect protection function.
- Simple design philosophy. | Super SLIM design
- For I.T.E. use only + RoHS conform + Green Power

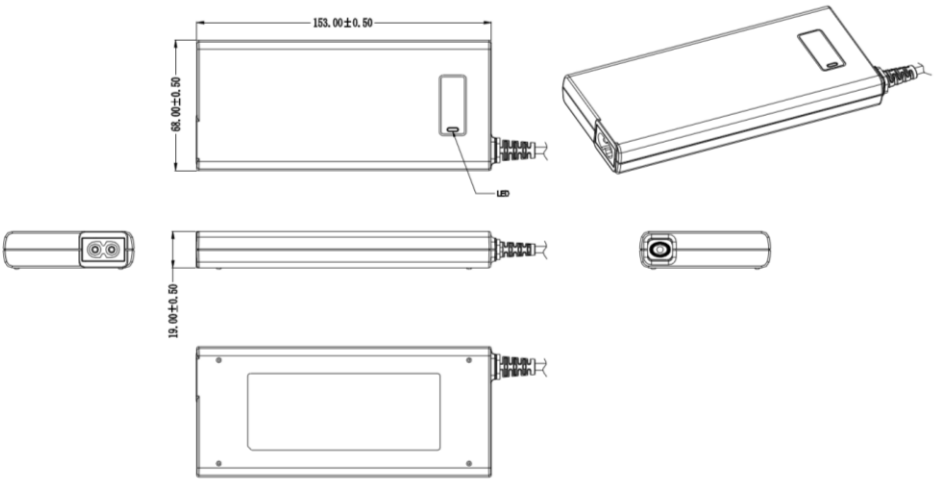
Available in inlet version: C8 (T2)

Specification:

		OUTPUT							
	Model	Voltage DC [V]	Loading [A]	Line/Road regulation [%]	OVP [V]	OCP [A]	Max. Power [W]	Ripple & Noise [mV] p-p	Connector [mm]
ErP V	**SKAC-9019-ST2**	**19.0**	**0.05~4.73**	**±5**	-	-	**90**	**300**	**1.7x5.5x11**
	SKDL-9019.5-ST2	**19.5**	**0.05~4.61**	**±5**	-	-	**90**	**300**	**5.0x7.4x12.5CP**
	SKFS-9020-ST2	**20.0**	**0.05~4.50**	**±5**	-	-	**90**	**300**	**2.5x5.5x11**
	SKHP-9018.5-ST2	**18.5**	**0.05~4.86**	**±5**	-	-	**90**	**300**	**5.0x7.4x12.5CP**
	SKIB-9020-ST2	**20.0**	**0.05~4.50**	**±5**	-	-	**90**	**300**	**5.5x7.9x10CP**
	SKUN-9019-ST2 (ACEFFc)	**19.0**	**0.05~4.73**	**±5**	-	-	**90**	**300**	**A.C.E.F.Fc. (*)**
	SKXX-9019-ST2	**19.0**	**0.05~4.73**	**±5**	-	-	**90**	**300**	**2.5x5.5x11**
	(*) DC Connectors	"A" — 4.2 x 6.0 x 14.0 (CP) (black) "C" — 2.5 x 5.5 x 12 (black) "E" — 1.7 x 5.5 x 11.5 (yellow)				"F" — 1.7 x 4.8 x 10.5 (yellow) "Fc" — 1.7 x 4.8 x 10.5 (black connical)			

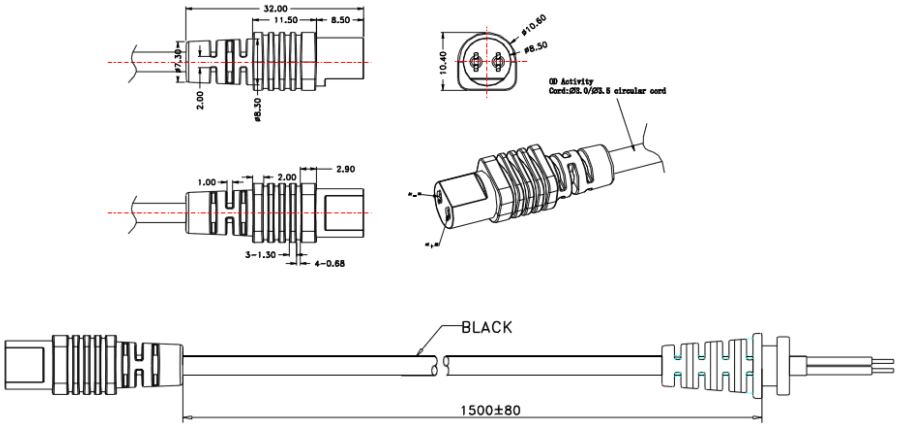
OEM Production	SKUN-9019-ST2 – certified for output voltage (16~24)V by 0.1V step for maximum output power 90W			
OUTPUT	Rated Input Current		1.3A max.	
	Input current (no loading)		≤40mA	
	Turn on delay		3000 ms max @ AC low line input@output full load	
	Hold up time		10ms min @ AC nominal input@ output full load (> half cycle)	
	Rise time		<30ms to rise to within regulation limits for all DC outputs	
	Efficiency (Normal)	Output LED	>87% (Level V) @ 240VAC input & Full load	YES, Power ON (green)
	Over-shoot		<7% of nominal voltage value	
INPUT	Voltage, operating range		(90 ~ 264)VAC	
	Current	Frequency	1.3A rms @ AC low line input and DC output full load	(47 ~ 63) Hz
	Inrush Surge Current (cold start)		80A max @ power supply cold start, ambient temperature 25℃@ 230Vac nominal AC input.	
	Leakage current		≤0.25 mA Max.	
	Maximum input power		103.52W	
	Power consumption		0.5W rms max.	
PROTECTION	Over Current Short-circuit		The power supply will be protection when output power at (110-200)% of all rated dc output The adapter shall not damage and with auto recovery function by short the DC output to Ground	
	Over Voltage		28.5V max. The output voltage shall be clamped by internal protection zener	
	Input protection		An adequate internal fuse on dhe AC input line is provide	
	Insulation restistance		Input to Output: 10MΩ(MIN.) at 500VDC	
	Dielectric Strength (Hi-pot)		Primary to Secondary: 3000VAC / 5mA / 60s	
	Reinforced insulation system		Primary-to-Ground and Primary-to-Secondary	
	Protection class		II.	
OTHERS	M.T.B.F		50K hours full rated load operation at 25 ℃, according to the BELLCORE SR-332 method	
	Cable length		1500mm (5feet) VW-1 80°C 300V 1185 3.5Q 18AWG Black (PAHS, REACH) round cable or depends on customer requirements	
	Cooling method		By natural air, the maximum room ambient temperature for external PSU is 40°C (mentioned in clause 1.4.12 of IEC 60950-1)	
	Housing matherial		PPHOX (UL94V-1 SE-1) Black	
	Temperature coefficient:		< ±0.5% / °C	
ENVIRONMENT	Temperature		Operating: (0 ~ 40)°C / Storage: (-40 ~ +80)°C	
	Humidity		Operating: 5% ~ 90% RH / Storage: 5% ~ 90% RH non condensing	
SAFETY			CE | TUV/GS | UL | CSA | SELF	
	EMC		UL 60950 | TUV/VDE-EN60950-1/A11:2009 | CE | CSA C22.2 NO.950 | EN60950-1:2000	
WEIGHT	1pc		N.W.: 309g | G.W.: 342g	
PACKING	Box		0.41(L) x 0.41(W) x 0.19(H) [m]	
			30 pcs / 1box	G.W.: 11.2kg

Mechanical case specification:



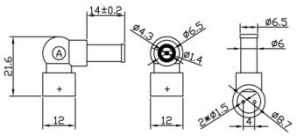
Cable specification:

a) UNI type (1185/18AWG*1C)

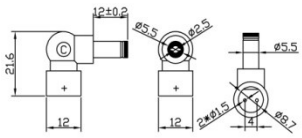


b) Detailed specification of UNI connectors

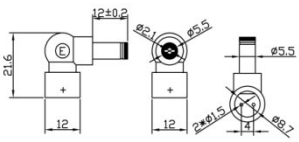
„A“ connector



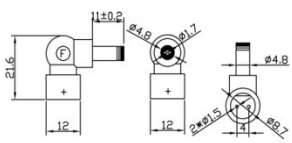
„C“ connector



„E“ connector



„F“ connector



„Fc“ connector