

SPECIFICATIONS

MODEL	FSP176-14S3AC8	FSP235-14S3AC18
		XLR,FUANGEE5525
OUTPUT		
Output Voltage (Typ.) Note.1	58.8 V	58.8V
Continuous Output Current (Typ.)	3.0 A	4.0 A
Rated Power	176 W	235W
LED Indicator	Charging(CC) : RED Floating charging(CV) : GREEN	
INPUT		
AC inlet	IEC320-C8	IEC320-C18
Voltage Range	90 ~ 264 Vac	
Frequency Range	47~63Hz	
Power Factor(Typ.)	PF>0.95/115VAC, PF>0.9/230VAC at full load	
Efficiency(Typ.)	90%	
Leakage Current(max.)	0.25mA / 254VAC	
PROTECTION		
Overload	95%~105% rated output power	
	Protection type: Constant current limiting recovers automatically after fault condition is removed	
Short Circuit	Protection type: Hiccup mode, recovers automatically after fault condition is removed	
Over Voltage	Protection type: Shut down o/p voltage, AC reset to recover	
Over Temperature	110°C±10°C detect on inside ambient temperature	
	Protection type: Shut down o/p voltage, AC reset to recover	
SAFETY & EMC		
Safety Standards	UL1012/CSA107.1, IEC61558-1/2-16	
Withstand Voltage	I/P-O/P : 3KVAC	
Isolation Resistance	I/P-O/P : 100M Ohms / 500VDC /25°C/70%RH	
EMC Emission	Compliance to EN55014-1, FCC PART 15/ CISPR14-1, EN61000-3-2,3	
EMC Immunity	Compliance to EN61000-4-2,3,4,5,6,11	
ENVIRONMENTAL		
Operating Temperature	0~40°C	
Operating Humidity	20%~90% RH non-condensing	
Storage Temp.,Humidity	-40~+85%, 10~95% RH	
Vibration	Operating Temperature	
MECHANICAL		
Outline	Fully enclosed plastic case	
Dimensions	177 x 86 x 32 mm	
Weight(Typ.)	560 g	680 g
Cooling	Free Air Convection	

NOTES:

- Modification for charger specification may be required for different battery specification. Please contact battery vendor and FSP for details.
- All parameters NOT specially mentioned are measured at 230VAC input, rated load and 25°C of ambient temperature.

CHARGING CURVE

