

### SPECIFICATIONS

<b>MODEL</b>	<b>FSP246-13S4A5C18</b>
	<b>FUANGEE5525</b>
<b>OUTPUT</b>	
Output Voltage (Typ.) <sup>(1)</sup>	54.6 V
Continuous Output Current (Typ.)	4.5 A
Rated Power	246 W
LED Indicator	Charging(CC) : RED    Floating charging(CV) : GREEN
<b>INPUT</b>	
AC inlet	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.)	0.35mA / 254VAC
<b>PROTECTION</b>	
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: Reduce the charging current
<b>SAFETY &amp; EMC</b>	
Safety Standards	UL1012/CSA107.1, IEC61558-1/2-16
Withstand Volatge	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
<b>ENVIRONMENTAL</b>	
Operating Temperature	0~40°C
Operating Humidity	20%~90% RH non-condensing
Storage Temp.,Humidity	-40~+85%, 10~95% RH
Vibration	0.01g <sup>2</sup> /Hz at 5Hz sloping to 0.2g <sup>2</sup> /Hz at 20Hz, and maintaining 0.02g <sup>2</sup> /Hz from 20Hz to 500Hz. PSD=3.13gRMS 15min./axis, force direction X,Y,Z
<b>MECHANICAL</b>	
Outline	Fully enclosed plastic case
Dimensions	177 x 86 x 32 mm
Weight(Typ.)	620 g
Cooling	Free Air Convection

**NOTES:**

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

### CHARGING CURVE

