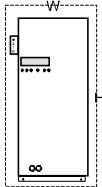


## SPECIFICATIONS

Model No.		TF4860
<b>AC input rating</b>		
Voltage	3 Phase 3 Wire + Earth , 415 ± 10%V	
Frequency	47Hz ~ 63Hz	
Power Factor	> 0.85 @ Full Load	
Max. Current	< 8A	
Max. Inrush	< 25A	
<b>DC output rating</b>		
Voltage	20~60V	
Current	5~60A (by setting) Output will shut off @ current <3A	
Max. power	3000W	
Line Regulation	± 1.0%	
Load Regulation	± 1.0%	
Efficiency	> 90% @Full Load	
<b>System Detections and Protections</b>		
AC FUSE	8A, 500Vac,Time lag type	
AC UVP or OVP	Unit will not work when AC input voltage is[<80%(340Vac) or >115%(460Vac)]	
OTP	Stops charging when heat sink temp. reaches 85 °C and resumes to charge when down to 45°C .	
DC OVP	Detects output voltage >105% of setting @CV mode	
DC OCP	Detects output current >110% of setting @CC mode	
Reverse protection	Detects wrong polarities and disables.	
Over charge protection	Detects capacity charged >120% of setting	
Battery Voltage Detection	24V battery voltage range : 20.0V~26.0V 36V battery voltage range: 28.8V~ 38.0V 48V battery voltage range: 40.0V ~52.0V	
Dynamic protection	Detects abnormal dv/dt @CC mode Detects abnormal di/dt @CV mode	
Cooling Fan Control	PWM fan speed control via enclosure temperature	
<b>LCD Display</b>		
LCD Type	STN	
Display format	16X2	
Backlight color	White(LED)	
View angle	6 O'clock	
<b>WiFi Module</b>		
Frequency range	2.4 GHz ~ 2.5 GHz (2400MHz ~ 2483.5MHz)	
Wi-Fi protocols	802.11 b/g/n	
Network protocols IPv4,	TCP/UDP	
<b>Environment</b>		
Working Temperature	-0~ 40°C	
Working Humidity	20~90RH non-condensing	
Storage Temp. Humidity	-40 ~ 85°C, 10~95RH	
<b>Physical</b>		
Dimensions	 <p>390*168*140mm(H*W*D, all brackets excluded. ) 390*198*163mm(H*W*D, all brackets included. ) Packed : 490* 270 *240mm(H*W*D)</p>	
Weight	NET : 5 Kg / GROSS: 8Kg	