



SPECIFICATIONS

Model No.	TF4860
AC input rating	
Voltage	3 Phase 3 Wire + Earth , 415 ± 10%V
Frequency	47Hz ~ 63Hz
Power Factor	> 0.85 @ Full Load
Max. Current	< 8A
Max. Inrush	< 25A
DC output rating	
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
System Detections and Protections	
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
LCD Display	
LCD Type	STN
Display format	16X2
Backlight color	White(LED)
View angle	6 O'clock
WiFi Module	
Frequency range	2.4 GHz ~ 2.5 GHz (2400MHz ~ 2483.5MHz)
Wi-Fi protocols	802.11 b/g/n
Network protocols IPv4,	TCP/UDP
Environment	
Working Temperature	-0~ 40°C
Working Humidity	20~90RH non-condensing
Storage Temp. Humidity	-40 ~ 85°C, 10~95RH
Physical	
Dimensions	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)
Weight	NET : 5 Kg / GROSS: 8Kg