



**TT CHARGER-WALL MOUNTED-48V-100A  
CHGR-TT-WM-48V-100A**



**PFC ≥ 0.98**



**Overvoltage protection**



**Over temperature protection**



**Short circuit protection**

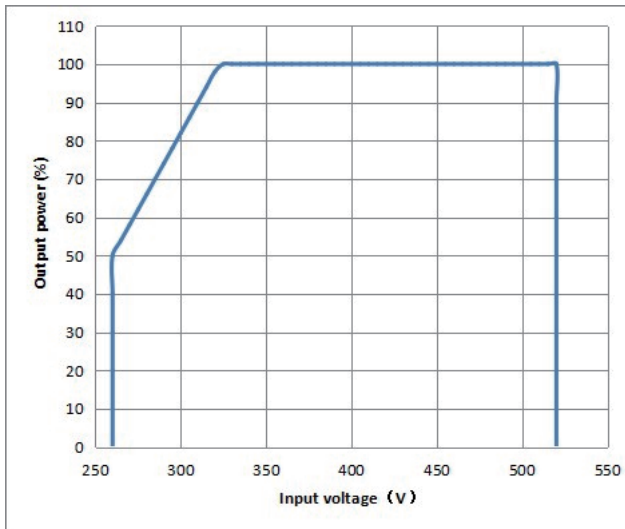


**IP65 Waterproof**

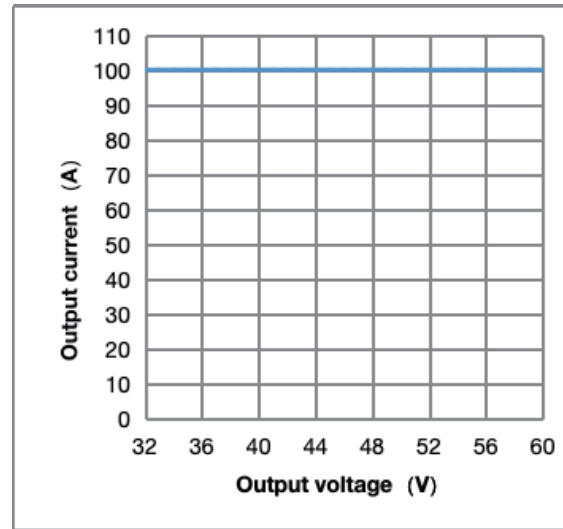
## Technical Data

Input		CHGR-TT-WM-48V-100A
Voltage range		190 ~ 264VAC
Frequency range		47Hz ~ 60Hz
Rated input current		≤32A
Wiring		L、N、PE
Power factor		≥0.99@220Vac 50-100% Load
Output		
Output Voltage		32 ~ 60VDC
Max. Output Current		100A
Max. Output Power		6000W(190Vac~264Vac)
Voltage regulation accuracy		≤±1.2%Vo
Ripple and Noise		≤±2%Vo @ 25 °C output full-load(Bandwidth≤20MHz)
Protection		
Output overcurrent		110% output off (Automatic recovery) , 120% stop charging (Need to restart)
Output overvoltage		Stop charging when output voltage is greater than the setted voltage 3V
Input overvoltage		270±2Vac output off, 265±2Vac output recovery
Input undervoltage		85±2Vac output off, 90±2Vac output recovery
Low input voltage derating		90Vac~180Vac output current limited to 50% of the maximum current, Input voltage > 185Vac return to full power output
Environment		
Working Temp.		-20 °C ~ +55 °C (>40 °C derating)
Working humidity		20% ~ 90% (non-condensing)
Storage temp., humidity		-25 °C ~ +75 °C , 10 ~ 90% RH
Altitude		≤2000m
System		
Efficiency		≥92.5%@220Vac 50-100%Load (highest over 94%)
Communication method		RS485/CAN
Dimensions		415mm×337mm×112mm
Weight		14.5kg
Color		Available in yellow, white, blue colors
Indicator state		
Standby		Green light flashing
Charging		Steady green light
Fault		Steady red light

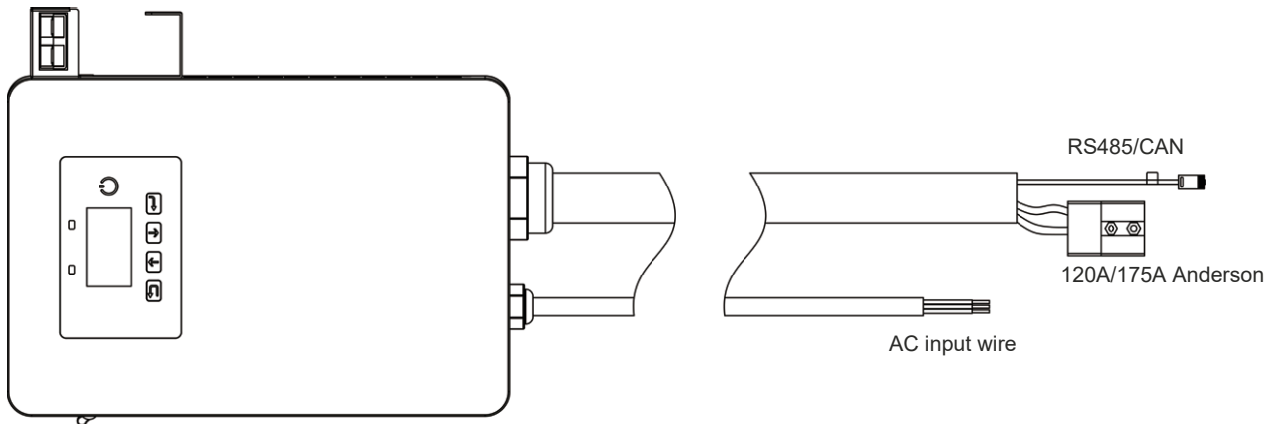
### Input Characteristic Curve



### Output Characteristic Curve

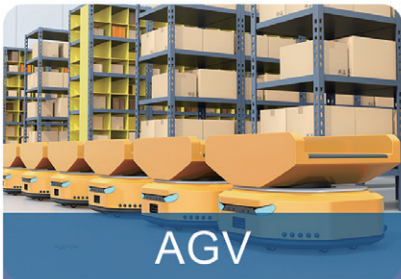


### Wiring Instructions

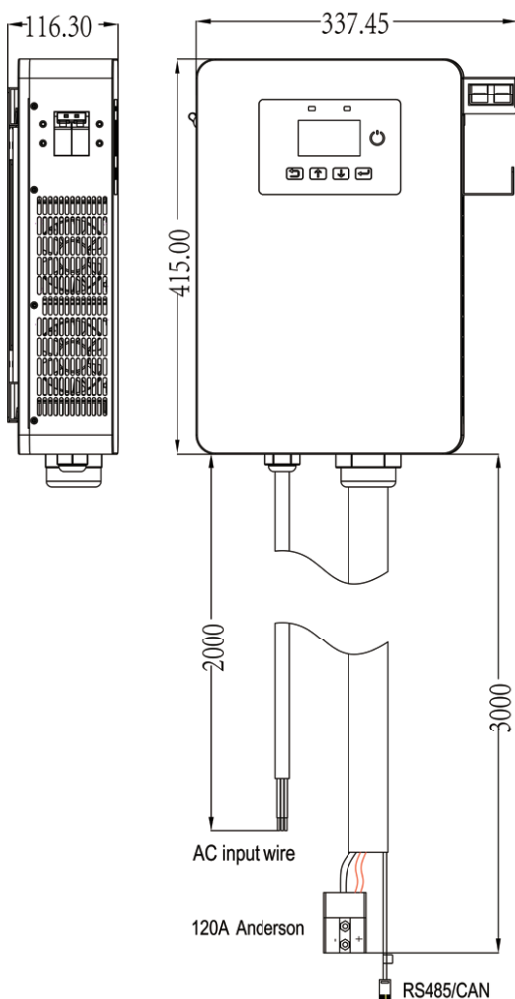


Signal name	Terminal model	Pin number	Pin Description
AC Input	Can be customized	Yellow	L1
		Green	L2
		Brown/Red	L/L3
		Blue/Black	N
		Yellow-green	PE
Battery	120A/175A Anderson	Red	BAT+
		Black	BAT-
CAN	RJ45	1、 2、 3、 6、 8	NC
		4	CANH
		5	CANL
		7	GND
RS485	RJ45	1	485-B
		2	485-A
		3	GND
		4、 5、 6、 7、 8	NC

### Application Scenarios



### Product Dimensions



(Unit: mm)