



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



PFC \geq 0.98



Overvoltage protection



Over temperature protection



Short circuit protection

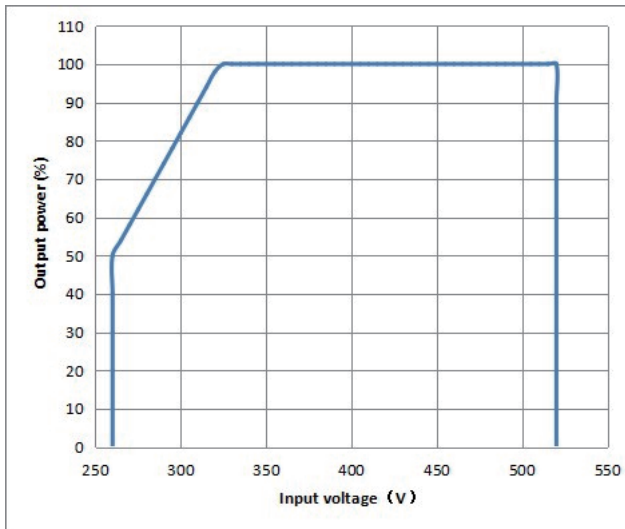


IP65 Waterproof

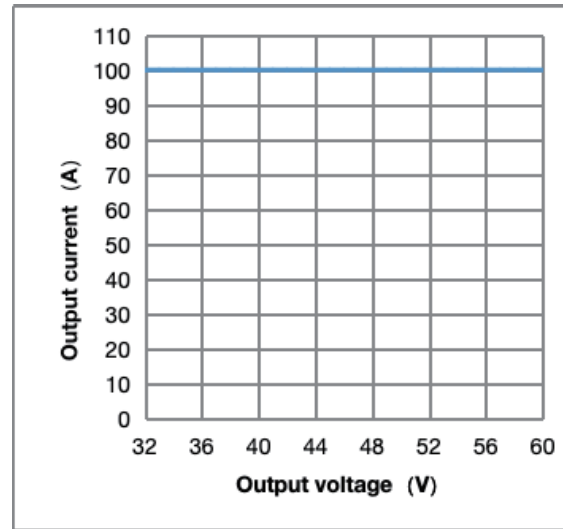
Technical Data

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

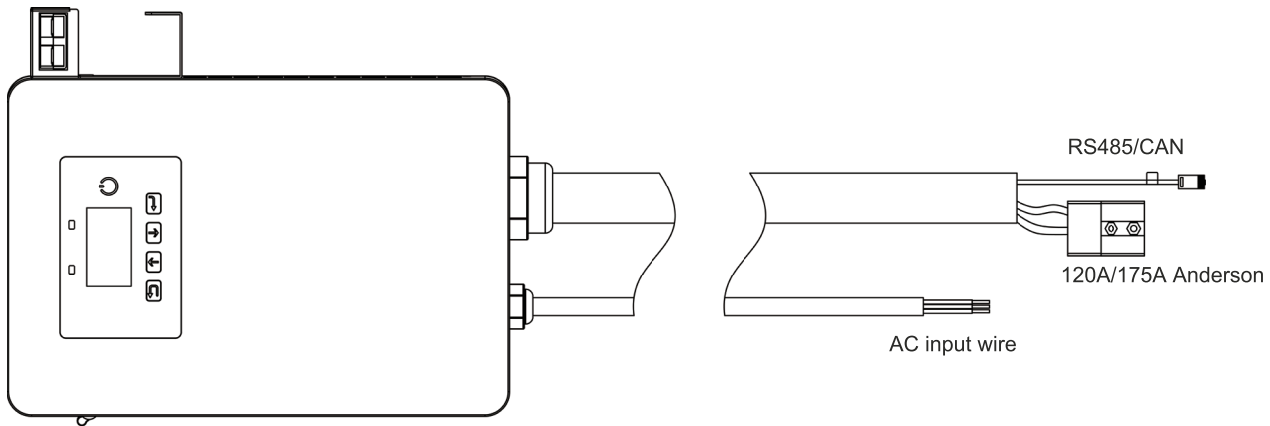
Input Characteristic Curve



Output Characteristic Curve

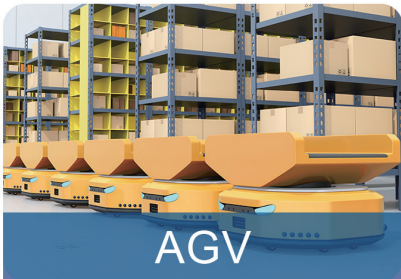


Wiring Instructions

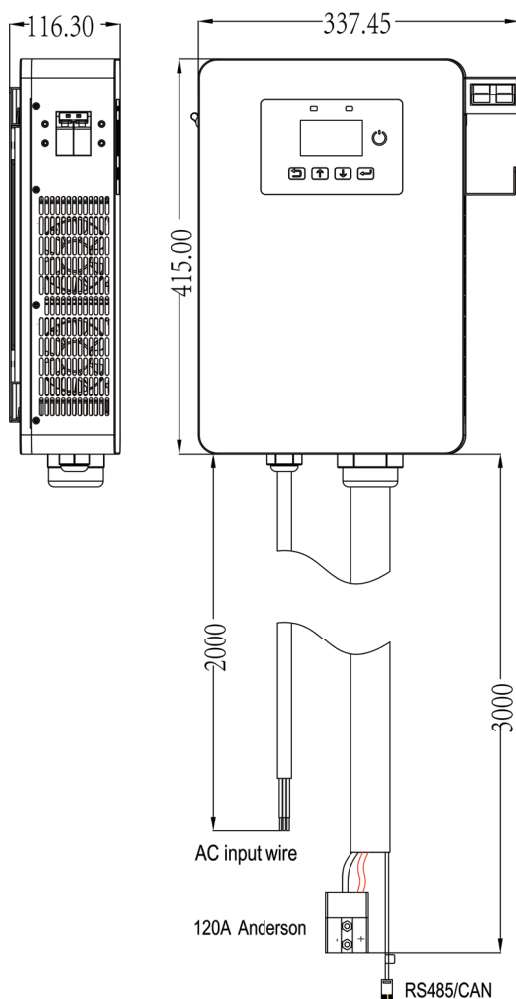


Signal name	Terminal model	Pin number	Pin Description
AC Input	Can be customized	Yellow	L1
		Green	L2
		Brown/Red	L/L3
		Blue/Black	N
		Yellow-green	PE
Battery	120A/175A Anderson	Red	BAT+
		Black	BAT-
CAN	RJ45	1、 2、 3、 6、 8	NC
		4	CANH
		5	CANL
		7	GND
RS485	RJ45	1	485-B
		2	485-A
		3	GND
		4、 5、 6、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

Application Scenarios



Product Dimensions



(Unit: mm)