



TT BATTERY CHARGING UNIT-WALL-MOUNTED-80V-200A
SRJ-TT-AC-DVR-80V-200A



PFC 0.98



Overvoltage protection



Over temperature protection



Short circuit protection

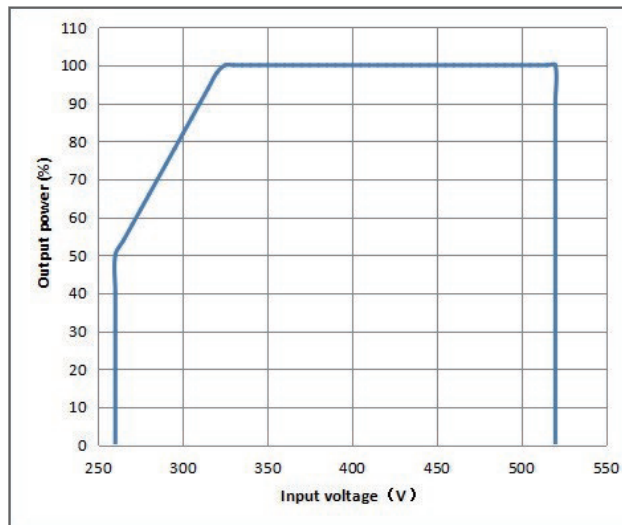


IP20

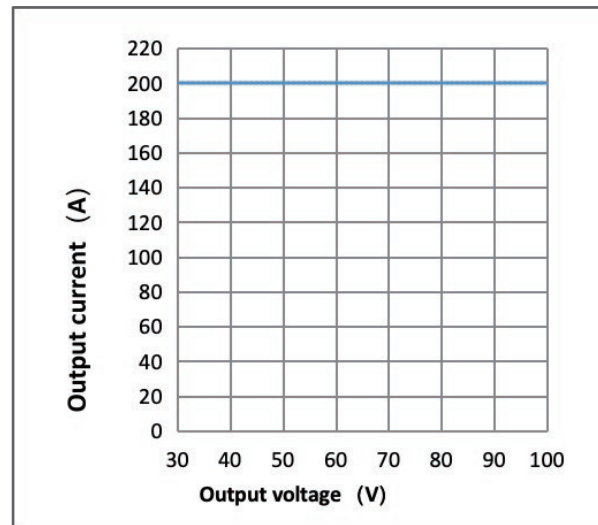
Technical Data

Model		SRJ-TT-AC-DVR-80V-200A
Input		
Voltage range		265Vac~520Vac (3-phase)
Frequency range		47Hz~60Hz
Rated input current		≤40A
Wiring		L1、L2、L3、PE
Power factor		≥0.99@220Vac 50-100% Load
Output		
Output Voltage		30~100VDC
Max. Output Current		200A
Max. Output Power		20000W(323Vac~520Vac)
Voltage regulation accuracy		≤±0.5%Vo
Ripple and Noise		≤1%Vo@ 25℃ 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 settled voltage 3V
Input overvoltage		525±2Vac output off, 520±2Vac output recovery
Input undervoltage		260±2Vac output off, 265±2Vac output recovery
Low input voltage derating		323Vac~520Vac (full-load) , 323Vac~260Vac (Linear down to half load)
Environment		
Working Temp.		-20℃ ~ +60℃ (>50℃ derating)
Working humidity		20%~90% (non-condensing)
Storage temp., humidity		-25℃~+75℃ , 10~90% RH
Altitude		≤2000m
System		
Efficiency		95%@380Vac 50-100% Load
Communication method		RS485/CAN
Dimensions		700mm×562mm×129mm
Weight		32kg
Color		Blue color
Indicator state		
Standby		Green light flashing
Charging		Steady green light
Fault		Steady red light

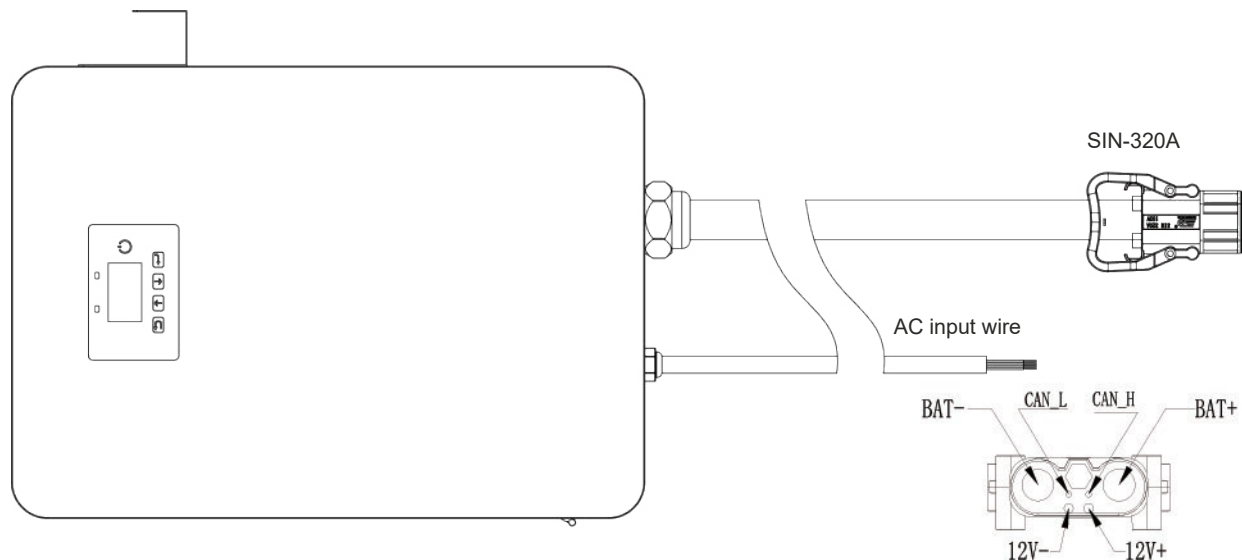
Input Characteristic Curve



Output Characteristic Curve

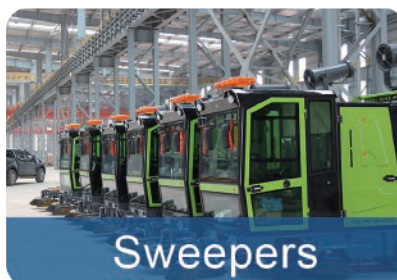
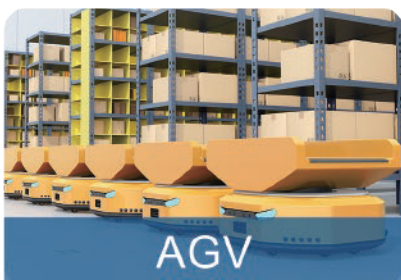


Wiring Instructions

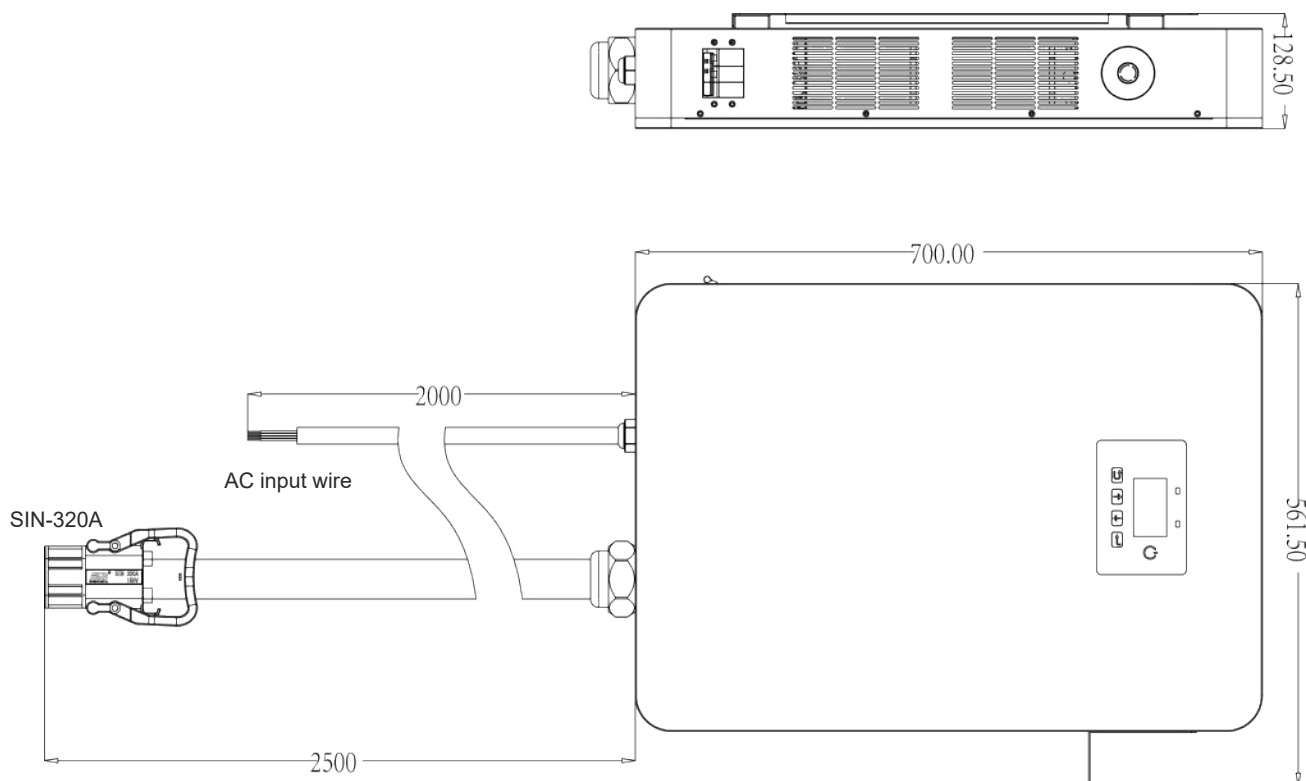


Signal name	Terminal model	Pin number	Pin Description
AC Input (3-phase)	E6012 tubular terminal block	Yellow	L1
		Green	L2
		Red	L3
		Yellow-green	PE
DC Output	SIN-320A (Forklift charging plug)	BAT+	BAT+
CAN/RS485 (communication)		BAT-	BAT-
		CAN_L	CAN_L or 485_B
		CAN_H	CAN_H or 485_A
12V(Auxiliary power)		12+	12V+ or Null
		12-	12V- or Null

Application scenarios



Product Dimensions



(Unit: mm)