



**TT CHARGER-LFP-WATERPROOF-24V-30AT
SRJ-TT-AC-ENT-24V-30A**



PFC \geq 0.98



Overvoltage protection



Over temperature protection



Short circuit protection

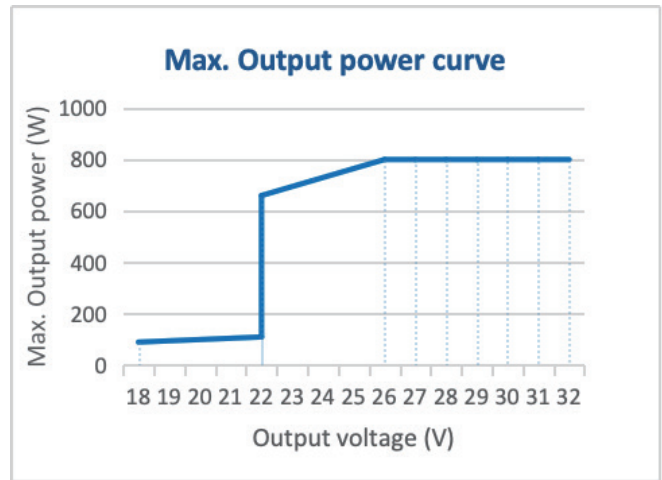
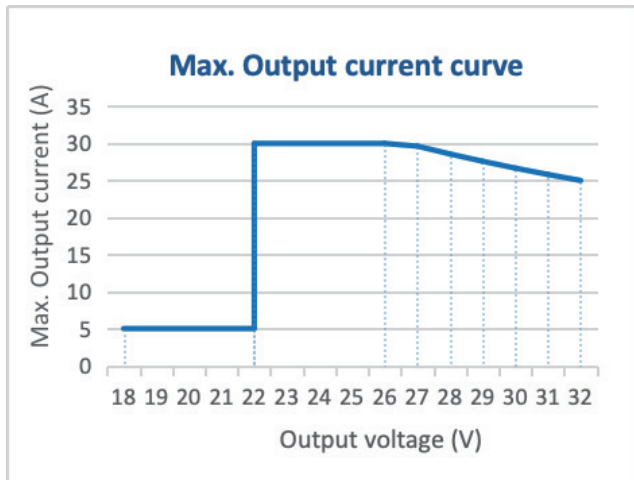


IP65

Technical Data

Model	SRJ-TT-AC-ENT-24V-30A
Input	
Voltage range	90~264VAC
Frequency range	45~65Hz
Input current(Typ.)	8A/110VAC 4A/220VAC
Power Factor(Typ.)	≥0.98 (Tested when the power is above half power)
Inrush current(Typ.)	Cold start 50A at 110VAC
Max. Efficiency(Typ.)	93%(220VAC); 91%(110VAC)
Leakage current	<0.5mA/110VAC
Output	
Charging phase	Pre-charge + constant current + constant voltage
Max. output power	800W
Max. output Voltage	32V
Max. output current	30A
Constant voltage	28.8V(LiFePO4 in 8 Series)/ 25.2V(NMC in 6 Series)/ 29.4 V(NMC in 7 series)
Max. current ripple	500mA _{p-p}
Static power	<3W
Protection	
Short circuit	Yes
Over temperature	Yes
Function	
Indicator light	Yes
Environment	
Cooling	Fan cooling
Waterproof	IP65
Working Temp.	-20~50
Working humidity	10%~90% RH non-condensing
Storage temp., humidity	-40~80 , 10%~90% RH non-condensing
Vibration resistant	10~500HZ, 2G 10 minutes/cycle, X, Y, Z axis each 60 minutes
SAFETY & EMC	
Safety standards	GB/T4706
Withstand voltage	I/P-O/P: 2KVAC I/P-FG: 2KVAC O/P-FG: 2KVAC
Isolation resistance	I/P-O/P, I/P-FG, O/P-FG: 100M ohms/500VDC/25 /70%RH
EMC emission	GB/T 9254 Class A
EMC immunity	GB/T17618
Indicator state	
Yellow indicator	Steady on: almost full; 0.5S cycle flashing: initial power-on
Green indicator	Steady on: fully charged 1S cycle flashing: battery not connected Steady on: charging 0.5S cycle flashing: the battery is reversed
Red indicator	1S period blinking: output overcurrent 2S period blinking: high battery voltage 3S period blinking: low battery voltage 4S period blinking: The Charger is overheated 5S cycle flashing: battery failure
Others	
MTBF	>100K hours
Weight	3.15kg
Dimensions	289*158*82 mm

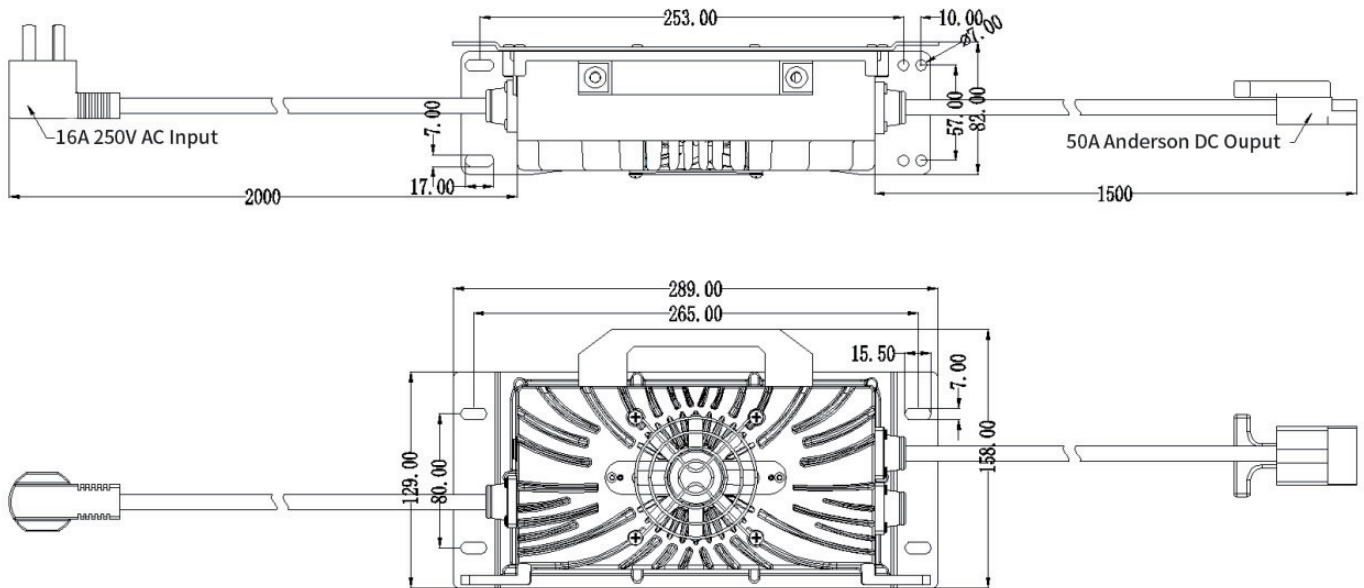
Charging Curve



Application Scenarios



Product Dimensions



(Unit: mm)