

# SC Series String Controller

V3.0 Micro-String Inverter



3.0

V3.0 Micro-String Inverter Solution



Market Scarcity



International Authoritative Certifications



Multi-Layer Safety Protection



Suitable for All Commercial & Industrial (C&I) Projects

Product Model		APT-SC 100K
<b>DC Input</b>		
Max.input Power		154000W
Max.input Voltage		1000V
Max.input Current		12*25A
Max. Short Circuit Current		12*30A
<b>AC output</b>		
Rated Output Power		100kW
Max.imum Apparent Power		110kA
Rated Output Voltage		3-PE AC 400V
Output Voltage Frequency		50/60Hz
Max.output Current		110kA
Power Factor Range		3-PE AC 400V
THDi		< 3%
<b>Communication</b>		
PLC Maximum Communication Distance (Along the Cable)*		Nearest micro controller 400m Distance between microcontrollers s 50m
<b>Efficiency</b>		
Power Factor Range		3-PE AC 400V
<b>General Parameters</b>		
IP Rating		IP65
Protection Class		Class I
Product Certifications		NB/T 32004-2018;1EC-62109-1/2;IEC/EN61000;PEM/MEA listed

Note\*: Max DC resistance of DC cable <math>< 5(\Omega/\text{km})</math>, Higher resistance may affect communication distance.

