

# Residential Three Phase High Voltage Hybrid Inverter

## 5/6/8/10kW

CHNT

正泰电源



Model	SCE5K-TH-EU	SCE6K-TH-EU	SCE8K-TH-EU	SCE10K-TH-EU
<b>Efficiency</b>				
Max. Efficiency(PV to Grid)	97.2%	97.2%	97.4%	97.4%
Max. Efficiency(Battery to Load)	96.5%	96.5%	96.8%	96.8%
<b>Input (PV)</b>				
Max. Input Voltage	1000V			
Max. Input Power	9000W	9000W	15000W	15000W
Rated Input Voltage	650V			
Max. Input Current	15A/15A	15A/15A	20A/30A	20A/30A
Max. Short Circuit Current	20A/20A	20A/20A	30A/40A	30A/40A
Start Input Voltage	180V			
MPPT Operating Voltage Range	160V-950V			
No. of MPPTs	2	2	2	2
Max. Number of PV Strings	1+1	1+1	1+2	1+2
<b>Input(Battery)</b>				
Battery Type	Lithium-ion/Lead-Acid			
Rated Battery Voltage	200V-600V			
Battery Voltage Range	150V-600V			
Max. Charge/Discharge Current	25A/25A	25A/25A	50A/50A	50A/50A
Lithium-ion Battery Charge Curve	Self-adaption to BMS			
Lead-Acid Battery Charge Curve	3 stages			

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### Grid Code Certification:

EN50549-1 VDE 4105 G99  
CEI 0-21 IEC61727 / IEC62116



Max. efficiency(PV to grid): 97.4%  
Max. efficiency(Charge/Discharge): 96.8%



Max. PV current 2\*15A, Compatible with (500W+) modules  
Max. Charge/Discharge Current 120A



Remote configuration and upgrade



APP Quick commissioning



Multiple protection :SPD/GFCI(optional) etc.