

AC-BOX



FEATURES



AC micro-break



Energy consumption collection



Support mode setting



Lightning protection



IP65 protection grade



Overload/short circuit protection

Model	CST-1-6KW
Electrical parameters	
Input circuit/output circuit	1
Wire system	Single Phase(L/N/PE)
Rated voltage (V AC)	220V
Input current (A)	32
Input/output cable (mm ²)	3*10/3*10
Charging pile cable (mm ²)	2*10
Main device parameters	
Input AC micro-break	Ui:500V,Ue:400V,Ie:20A,Ics≥6KA,2
AC lightning arrester	Two stage, Uc:220V,In:20KA, Imax: 40KA, Up:≤1.8KV,2P
AC micro-break (lightning protection backup protection)	Ui:500V,Ue:400V,Ie:32A,Ics≥6KA,2
Measurement (reserved position, customer supply)	possess
Collector (reserved position, customer supply)	possess
Protection	
Lightning protection	possess
Overload/short circuit protection	possess
Environmental parameters	
Temperature and humidity	Ambient temperature: - 25~+50 °C, storage temperature: - 40~+70 °C, humidity: 5~95%, no condensation, no Corrosive gas place
Height	≤ 2000m (products with altitude above 2000m can be configured as required)
Safety	
Electrical clearance/creepage distance	≥8mm/≥16mm
Insulation resistance	> 1MΩ
Power frequency withstand voltage	AC1500V, 1min (form test), 5s (factory/routine test)
Box	
Cabinet material	PC plastic sealing box, transparent cover
Protection grade	No less than IP65
Incoming and outgoing lines and grounding interface	PA66 waterproof cable connector, no less than IP67
Box size	560*380*180mm
Weight	About 10KG
Installation method	Vertical hanging installation
Wiring mode	Down in and down out