





FPSC Coolers (Devices)

Specifications	SC-UERF FPSC Module with Vacuum Flange High power cooling for vacuum space 	SC-UE15R FPSC Module UE15 with Thermal Conductor High Power Cooler Mount part for cooling head is installed 	SC-UE15 FPSC Module UE15 High Power Cooler Original mount for cooling head 	SC-UG08S FPSC Module UG08S Standard cooler, Compact and lightweight integrated module CE 	SC-TG08S Stirling Cooler TG08S Standard cooler For flexible install cooler and Driver PCB to your system CE 
Dimensions	W H L: 180 x 170 x 435 (mm)	W H L: 180 x 160 x 435 (mm)	W H L: 180 x 160 x 430 (mm)	W D H: 175 x 190 x 290 (mm)	W D H: 130 x 130 x 280 (mm)
Weight	12 kg	9 kg	8.5 kg	3.6 kg	2.4kg
Power Source Voltage	DC 48 Volts	DC 48 Volts	DC 48 Volts	DC 24 Volts	DC 24 Volts
Maximum Current	9 Amp	9 Amp	9 Amp	10 Amp	10 Amp
Cooling Capacity	15 Watts at -100 °C at cooling head (ambient temp: 25 °C)	42.5 Watts at -80 °C at cooling head (ambient temp: 25 °C)	42.5 Watts at -80 °C at cooling head (ambient temp: 25 °C)	25 Watts at -80 °C at cooling head (ambient temp: 25 °C)	25 Watts at -80 °C at cooling head (ambient temp: 25 °C)
Ambient Temp in Operation	0 °C ~ 40 °C	0 °C ~ 40 °C	0 °C ~ 40 °C	0 °C ~ 35 °C	0 °C ~ 35 °C
Set Temp of Cooling head	-20 °C or less	-20 °C or less	-20 °C or less	-20 °C or less	-20 °C or less
Noise	55 dB(A) (Horizontally 1 m from Cooler, after stable operation)	55 dB(A) (Horizontally 1 m from Cooler, after stable operation)	55 dB(A) (Horizontally 1 m from Cooler, after stable operation)	50 dB(A) (Horizontally 1 m from Cooler, after stable operation)	50 dB(A) (Horizontally 1 m from Cooler, after stable operation)
Include	Drive PCB	Drive PCB	Drive PCB	Drive PCB	Drive PCB
Accessory	-	-	-	SC-CA04 Cold Side Adapter	SC-CA04 Cold Side Adapter
Sample Price	4,200 USD (ex. Work, Shipping fee is not included)	2,900 USD (ex. Work, Shipping fee is not included)	2,750 USD (ex. Work, Shipping fee is not included)	1,400 USD (ex. Work, Shipping fee is not included)	1,250 USD (ex. Work, Shipping fee is not included)