






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