



Technical data and specifications	
Model	EPCS125-AM-F-SK
DC Side	
DC voltage range (V)	615~950 (3W+PE) /650~950 (3W+N+PE)
Number of input channels	1
Maximum current (A)	203
Busbar capacitor discharge time	10 mins
Battery type	Lead-acid batteries/Lithium Battery
AC Side (on-grid only)	
Voltage range/rated voltage (V)	400V±15%
Frequency range (Hz)	50/60
Wiring method	3W+PE/ 3W+N+PE
Rated power (KW)	125
Maximum power (KW)	138
Rated current (A)	180
Max. Apparent Current (A)	200
Short circuit current (A)	360
Power Factor	0.99
Power factor adjustment range	1 (ahead of) ~ 1 (behind)
Current distortion rate	<2% (rated power)
Direct component	<0.5%
Maximum discharge efficiency	98.50%
General Data	
Function&Protection	AC overcurrent protection, AC overvoltage protection, AC short circuit protection, anti-islanding protection, DC reverse protection, etc. Operation exclusively in "on-grid " model with anti-islanding function, under no circumstances does this inverter allow operation in off-grid/island mode.
Dimension (W*D*H, mm)	520×785×232mm
Weight (kg)	74.5 kg
Altitude (m)	4000m (over 2000m rated for reduced capacity)
Operating temperature	-30°C to 55°C (derating to 80% of power at 55°C)
Storage temperature	-45°C~70°C
Humidity	0%RH to 95%RH, no condensation
Cooling method	Intelligent air cooling
Type of converter	Non-Isolated
Protective class	I
Protection level	IP20
Communication Interface	CAN/RS485/Ethernet
Conformity to standards	GB/T 34120-2017, GB/T 34133-2017, EN 62477, EN IEC 61000, EN 50549-1