

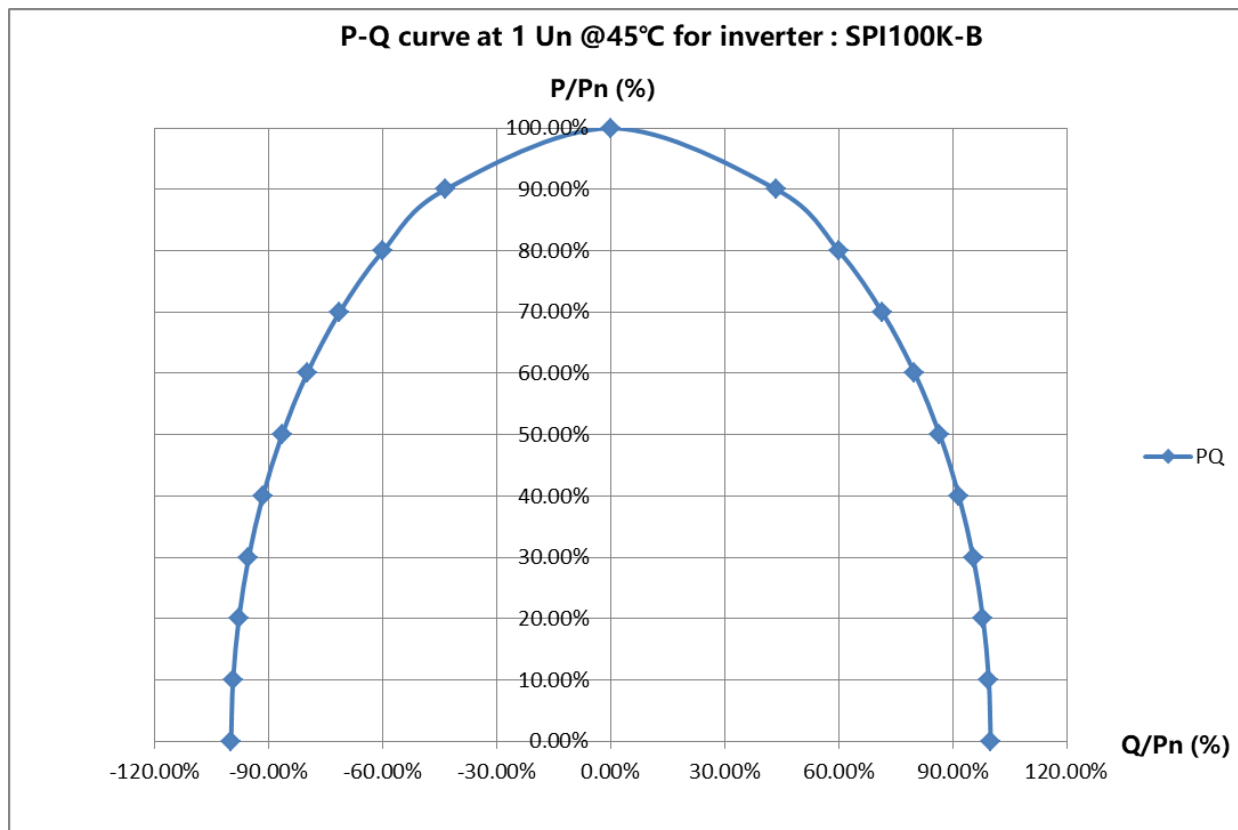
Compilation of Operating Regulations for MV connections of three-phase inverters SPI100K-B

Brand	Xiamen Kehua Digital Energy Tech Co., Ltd.
Model	SPI100K-B
Serial number	Indicate the serial number of the inverter
Type	PV Inverter
FW version	ARM_V1.01 DCAC_V1.01H
N. Poles	3P
Rated Power Generation Unit (kW)	100
Nominal cosφ	> 0,99 adjustable
Nominal Voltage (V)	400
Short-Circuit Current (I _{cc}) (A)	216
Nominal Current (I _n) (A)	144.3
I _{cc} /I _n	1.49
X'd	N/A
No-load reactive power [Q ₀]	N/A
Capacitor Power	N/A
Capacitor Insertion Mode	N/A
Start-up mode	Network automatic

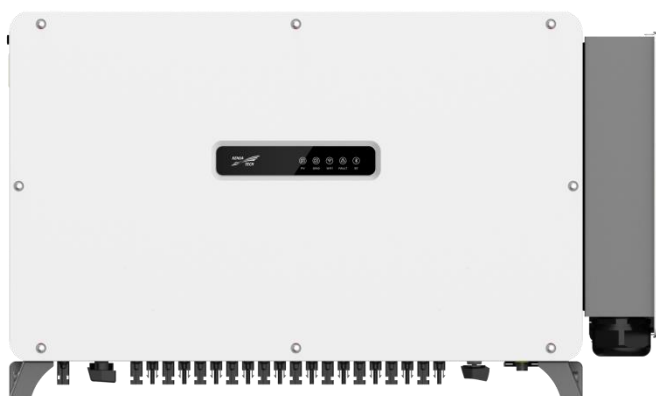
The protections integrated in the inverter are regulated in a manner consistent with the external SPI (Interface Protection System) as stipulated in Annex Z, table 32, page 487 of CEI 0-16; 2019-04

Protection	Tripping threshold	Set threshold	Tripping time
59.S1	1,15 V _n	460 V	> 0,5 s
59.S2	1,20 V _n	480 V	> 0,1 s
27.S1	0,85 V _n	340 V	> 1,5 s
27.S2	0,20 V _n	80 V	> 0,5 s
81>.S1	51,5 Hz	51,5 Hz	> 1,0 s
81<.S1	47,5 Hz	47,5 Hz	> 4,0 s
81>.S2	52,5 Hz	52,5 Hz	> 0,1 s
81<.S2	46,5 Hz	46,5 Hz	> 0,1 s

Curve P-Q capability



SPI100K-B





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