

[Inverter]

ProjectName=Demo
DeviceType=SPH4-10K
SerialNumber=TKJ4CCJ00X
FirmwareVersion=YA1.0(YBAa-959593)
Address/Port=01/COM12
SafetySet=Austria
Rated Power=5000W

[Voltage and Frequency limit]

Undervoltage $U <= 184V$
Overvoltage $U >= 264,5V$
Underfrequency $f <= 47,50Hz$
Overfrequency $f >= 51,50Hz$
Overvoltage $U >>= 264,5V$
Underfrequency $f <<= 47,50Hz$
Overfrequency $f >>= 51,50Hz$
Undervoltage $U <<= 57,5V$
Overvoltage 10min Average=255,3V
Undervoltage Time $U <= 1460ms$
Overvoltage Time $U >= 80ms$
Underfrequency Time $f <= 80ms$
Overfrequency Time $f >= 80ms$
Overvoltage Time $U >>= 80ms$
Underfrequency Time $f <<= 80ms$
Overfrequency Time $f >>= 80ms$
Undervoltage Time $U <<= 460ms$
Overvoltage 10min Avg Time=600s

[Start up and reconnection limit]

Start time=60s
Connect Vac Low=195,5V
Connect Fac Low=47,50Hz
Restart time=300s
Restart Loadspeed=9,0%Pn/min
Connect Vac High=250,7V
Connect Fac High=50,10Hz

[LFSM-O]

LFSM-O_En=Enable
Derating Start point(f)=50,20Hz
Derating Gradient(f)=40%Pref/Hz
Derating Stop Point(f)=52,00Hz
Derating Recover Point(f)=50,10Hz

[P(U)]

P(U)_En=Enable
P(U) Start Point=253V
P(U) Delay time=5s
P(U) Stop Point Power Rate=0,0%
P(U) Stop Point=257,6V

[Voltage Fault Ride Through]

VFRT_En=Enable
LVRT Start Point 1=207,8V
Zero Current Point 1=184V
Zero Current Point 2=264,5V

[Active Power]

Active Power Mode = Static Active Power Limitation
Static Active Power Limitation=100%Pn

[Reactive Power]

Reactive Power Mode= Q(U) Mode
Q(U)_En=Enable
Q(U) Point 1=211,6V
Reactive Power(% of Normal Apparent Power) -43,6%Pn var
Q(U) Point 2=220,8V
Reactive Power(% of Normal Apparent Power) 0%Pn var
Q(U) Point 3=241,5V
Reactive Power(% of Normal Apparent Power) 0%Pn var
Q(U) Point 4=248,4V
Reactive Power(% of Normal Apparent Power) +43,6%Pn var
Q(U) Delay Time=5s
Q(U)/Smax=43,6%