



HIGH VOLTAGE CONTROL BOX



Type - **A** Type - **B**

HV-BOX XP



Specifications	HV BOX XP TYPE A
Model Type	5K3-XP only for 5K3 XP
Working Voltage Range	80-750Vdc
Shut down Voltage Limit	75Vdc
Number of Inputs	2 Channels
Inputs Max Current	50A _{dc} +50A _{dc}
Total Charging Current	100A (50A _{dc} per Channel)
Total Discharging Current	100A (50A _{dc} per Channel)
Active Safety Protection	Automatic Contactor 200A
Emergency Breaker	1000Vdc / 125A _{dc}
Passive Safety Protection	Fuse 200A-1000Vdc
Operative Normal Temperature	25°C
Storage Temperature	-10°C +50°C
Modules In Series	12 * 5K3-XP Modules (max 750Vdc)
Series	IP21
Weight	15kg
Installation Type	Stackable (On the Upper 5K3 Module)
Battery String Connector	Fast Connector WECO
Inverter Inputs	2+2 Fast Connector WECO
HV BOX Signal Parallelability	Up to 2 HV BOX in Master/Slave Configuration or up to 80 with HV-HUB
Standards	CE (UL for US Version Only) EN 61000-6-3:2007 +A1:2011 EN IEC 61000-6-4:2019 EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019





Specifications	HV BOX XP TYPE B
Model Type	5K3-XP only for 5K3 XP
Working Voltage Range	150-1000Vdc
Shut down Voltage Limit	140Vdc
Number of Inputs	2 Channels
Inputs Max Current	50A _{dc} +50A _{dc}
Total Charging Current	100A (50A _{dc} per Channel)
Total Discharging Current	100A (50A _{dc} per Channel)
Active Safety Protection	Automatic Contactor 200A
Emergency Breaker	1000Vdc / 125A _{dc}
Passive Safety Protection	Fuse 200A-1000Vdc
Operative Normal Temperature	25°C
Storage Temperature	-10°C +50°C
Modules In Series	16 * 5K3-XP Modules (max 934Vdc)
Series	IP21
Weight	15kg
Installation Type	Stackable (On the Upper 5K3XP Module)
Battery String Connector	Fast Connector WECO
Inverter Inputs	2+2 Fast Connector WECO
HV BOX Signal Parallelability	Up to 2 HV BOX in Master/Slave Configuration or up to 8 with HV HUB
Standards	CE (UL for US Version Only) EN 61000-6-3:2007 +A1:2011 EN IEC 61000-6-4:2019 EN IEC 61000-6-1:2019 EN IEC 61000-6-2:2019

