



PV SYSTEM RATING

MODULE MANUFACTURER	CANADIAN SOLAR	
MODULE PART #	CS3W-420 PB-AG	
MODULE WATTAGE	504 (20% bifacial gain)	
TOTAL # MODULES	552	
TOTAL STC POWER RATING	278.2	kWDC
TOTAL SYSTEM RATING	224	kWAC

PV INVERTERS

INVERTER MANUFACTURER	SMA
INVERTER PART #	SUNNY TRIPOWER CORE-1
INVERTER SIZE(S)	50 kW / 62 kW
STRING LENGTH	15/16
MPPT INPUTS	6
MAX Voc @ 47F	844.8 V
MAX OUTPUT CURRENT	64 A / 80 A
NOMINAL VOLTAGE AND FREQUENCY	480 V / 60 HZ

MOUNTAINEER
PV+



CORBETT CENTER 278 kWDC
BIFACIAL ROOFTOP PV
INSTALLATION

DATE: 4/14/2020

ONE-LINE
DIAGRAM

PV-1