



CECPL Monitoring Solutions

RMS*SCADA*SMB*Sleeving*SLDC

String Monitoring Box or SMB, is the most important part of DRS Solar Monitoring Solutions. It let's the Solar Power Plant owner locate a fault or underperforming section of Solar Power Plant.

- It does that by monitoring parameters such as DC Current, DC Voltage, DC Disconnecter Switch Status
- It also monitors itself by monitoring SMB Temperature, Disconnecter switch status

The SMB is typically, almost always, mounted in the field so it's enclosure is Solar Grade and IP65 Class. DRS offers a wide range of string monitoring solutions to cater the needs of commercial and utility projects.

DRS combiner box is manufactured in our CPRI approved Panel Engineering facility in Noida, UP.

Features and Options CECPL SMB

No. Of Strings	8 / 12 / 16 / 24
Voltages	1000 VDC and 1500 V AC
Currents:	0 to 20 Amps,
Accuracy:	0.5%
Addressing	Dip Switch
Fuse holders	Touch safe
Operating temperature:	(-10°C) to (+70°C)
Wire for Communication	2 Wire Communication
Maximum Distance of SMB from Control Room:	
	1000 meters for RS485 Serial Communication Cable and
	20 kMs for OFC.

Pressure equalization vents / Breathers, whenever needed,

Protection cover for live contacts



Warranty: 1 Year

Product Life: 25 Years

Delivery: 2-3 Weeks

Optional:

DC Disconnect or Switch Status,

FRP or PC or Sheet Steel Enclosures

MC4 or Glands

SPD Status,

Communication Protocols : Modbus Serial, Modbus TCP/IP, IEC 61850-5-104