



SLP280S-20D SLP285S-20D SLP290S-20D

Electric Performance Parameters

TYPE	SLP280S-20D	SLP285S-20D	SLP290S-20D
Rated power (W)	280W	285W	340W
Deviation of rated power (W)	0~+5W	0~+5W	0~+5W
Optimum operating voltage (Vmp)	31.46V	31.75V	31.95V
Optimum operating current (Imp)	8.91A	8.98A	9.08A
Open-circuit voltage (Voc)	38.35V	38.70V	38.95V
Short-circuit current (Isc)	9.36A	9.43A	9.53A
Temperature coefficient of open-circuit voltage	-0.36%/°C		
Temperature coefficient of short-circuit current	+0.07%/°C		
Temperature coefficient of rated power	-0.38%/°C		
Standard operating temperature	45±2°C		

STC: illumination intensity: 1000W/M², battery temperature: 25°C, air quality=1.5

NOCT: illumination intensity: 800W/M², environmental temperature: 20°C, air quality=1.5, wind speed: 1m/s

Packaging Information

Type of Cell	Monocrystalline silicon cell (156.75x 78.375)
Cell Array	120 (6x20)
Module Dimension	1670mm x 992mm x 35mm
Weight	18.5kg
Pallet Dimension	1718mm x1120mm x 1130mm(30 pieces/pallet)
Container loading information (40HQ)	780 pieces

Operation Condition

Maximum system voltage	1000V
Rated current of serial fuse	15A
Maximum front load	5400Pa (112 lb/ft ²)
Maximum back load	2400Pa (50 lb/ft ²)
Operating temperature range	-40~+85°C
Module Standard	A

Module Dimension: (unit: mm)

