

MODEL	PEPV 280W	MEPV 300W total black	MEPV 320W
Part No.	22975 X	22207 YB	22855 L
Nominal power, P_{mpp}	280 W	300 W	320 W
Tolerance, P_{mpp}	±1%	0/+3%	±3%
Module area	1.62	1.62	1.62
Module efficiency	17.28%	18.52%	19.75%
I_{sc}	9.25 A	9.89 A	9.98 A
U_{oc}	39.10 V	39.75 V	40.85 V
I_{mp}	8.85 A	9.37 A	9.97 A
U_{mp}	31.65 V	32.02 V	32.10 V
Maximum voltage	1000 V	1000 V	1000 V
α I_{sc}	0.039% / °C	0.05% / °C	0.05% / °C
β U_{oc}	-0.29% / °C	-0.29% / °C	-0.29% / °C
γ P_{max}	-0.42% / °C	-0.42% / °C	-0.39% / °C
Temperature range	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C
NOCT	44°C ± 2°C	44°C ± 2°C	44°C ± 2°C
Dimensions mm (") HxW±1%	1640/50x992x35/40 (64.6/2x14/1.6)	1640/50x992x35/40 (64.6/2x14/1.6)	1640/50x992x35/40 (64.6/2x14/1.6)
Weight kg (lbs)	19 (41.9)	20 (44.1)	20 (44.1)