

DC INPUT	SUNGO-OPT
MAX. INPUT POWER	600W
MAX VOLTAGE	60V
MPPT VOLTAGE RANGE	7~60V
MAX. CONTINUOUS INPUT CURRENT	16A
MAX. INPUT SHORT-CIRCUIT CURRENT	18A
SELF-CONSUMPTION AT NIGHT	0W

DC OUTPUT	SUNGO-OPT
NOMINAL OUTPUT VOLTAGE	42V
MAXIMUM CONTINUOUS OUTPUT CURRENT	16A
MAXIMUM OUTPUT POWER	600W
MAXIMUM SYSTEM VOLTAGE	1500V
72-CELL MODULE IN SERIAL @1500V	36pcs
72-CELL MODULE IN SERIAL @1100V	26pcs
72-CELL MODULE IN SERIAL @1000V	24pcs

EFFICIENCY	SUNGO-OPT
MAXIMUM EFFICIENCY	99.5%
POWER LOSS @ 5 A	0.9W
POWER LOSS @ 8 A	1.4W
POWER LOSS @12A	2.9W
POWER LOSS @15A	4.5W
POWER LOSS @20A	7.2W

GENERAL DATA	SUNGO-OPT
DIMENSIONS (LXPA)	103*105.3*21.3mm
WEIGHT	0.65kg
INPUT/OUTPUT CABLE LENGTH	150/1050mm
INPUT/OUTPUT CABLE DIMENSIONS	4mm ² (12AWG) / 4mm ² (12AWG)
TERMINALS	MC4(compatible)
DEGREE OF PROTECTION	IP67
RELATIVE HUMIDITY	0~100%RH
OPERATING TEMPERATURE RANGE	-40~+6.5°C
COOLING	Natural