

EasySolar	EasySolar 24/3000/70-50 MPPT150/70	EasySolar 48/3000/35-50 MPPT150/70	EasySolar 48/5000/70-100 MPPT150/100
INVERTER/CHARGER			
Transfer switch	50A	50A	100A
INVERTER			
Input voltage range	19 – 33V	38 – 66V	38 – 66V
'Heavy duty' output AC 2	16 A		
Output AC 1a, 1b, 1c, 1d	Output voltage: 230VAC ± 2% Frequency: 50 Hz ± 0,1% (1)		
Cont. output power at 25°C (3)	3000VA / 2400W	3000VA / 2400W	5000VA / 4000W
Cont. output power at 40°C	2200W	2200W	3700W
Cont. output power at 65°C	1700W	1700W	3000W
Peak power	6000W	6000W	10000W
Maximum efficiency	94%	95%	95%
Zero load power	20W	25W	35W
Zero load power in search mode	10W	12W	15W
CHARGER			
AC Input	Input voltage range: 187-265 VAC Input frequency: 45 – 65 Hz Power factor: 1		
Charge voltage 'absorption'	28,8V	57,6V	57,6V
Charge voltage 'float'	27,6V	55,2V	55,2V
Storage mode	26,4V	52,8V	52,8V
Charge current	70A	35A	70A
Battery temperature sensor	yes		
Programmable relay (5)	yes		
Protection (2)	a - g		
SOLAR CHARGE CONTROLLER			
Model	MPPT 150/70-MC4	MPPT 150/70-MC4	MPPT 150/100-MC4
Maximum output current (4)	70A	70A	100A
Maximum PV power	2000W	4000W	5800W
Maximum PV open circuit voltage	150V		
Maximum efficiency	98%		
Self-consumption	10mA		
Charge voltage 'absorption', default setting	28,8V	57,6V	57,6V
Charge voltage 'float', default setting	27,6V	55,2V	55,2V
Charge algorithm	multi-stage adaptive		
Temperature compensation	-16 mV / °C	-32 mV / °C	-64 mV / °C
Protection	a - g		
COMMON CHARACTERISTICS			
Operating temp. range	-40 to +65°C (fan assisted cooling)		
Humidity (non-condensing):	max 95%		
ENCLOSURE			
Material & Colour	aluminium (blue RAL 5012)		
Protection category	IP 21		
Battery-connection	Four M8 bolts (2 plus and 2 minus connections)		
PV connection	Two sets of MC4 PV connectors.	Three sets of MC4 PV connectors	
230 V AC-connection	Screw terminals 13 mm ² (6 AWG)		
Weight	28kg	28kg	48kg
Dimensions (hxxwxd)	810 x 258 x 218	810 x 258 x 218	877 x 328 x 241
STANDARDS			
Safety	EN 60335-1, EN 60335-2-29, EN 62109-1		
Emission / Immunity	EN 55014-1, EN 55014-2, EN 61000-3-3, EN 61000-6-3, EN 61000-6-2, EN 61000-6-1		
Anti-islanding	See our website		
1) Can be adjusted to 60Hz and to 240V 2) Protection: a. Output short circuit b. Overload c. Battery voltage too high d. Battery voltage too low e. Temperature too high f. 230 VAC on inverter output g. Input voltage ripple too high	3) Non-linear load, crest factor 3:1 4) At 25°C ambient 5) Programmable relay which can be set for general alarm, DC under voltage or genset start signal function		