

# OptiVolt

## Solar MPPT Controller

**24V/48V**

**1 YEAR WARRANTY**

**20A – 60A**  
**MPPT**  
**CONTROLLER**



### OPTIVOLT - MPPT

MODEL	ET-5003-20/24	ET-5003-30/24	ET-5003-40/24	ET-5003-50/24	ET-5003-60/24	ET-5003-30/48	ET-5003-40/48	ET-5003-50/48	ET-5003-60/48
System Nominal Voltage	12V/24V Auto					12V/24V/36V/48V Auto			
Rated Charge Current	20A	30A	40A	50A	60A	30A	40A	50A	60A
Rated Discharge Current	20A			30A		20A		30A	
Battery Voltage Range	N/A								
Max. PV open circuit voltage	<60V	<75V	<100V			<150V			
MPP Voltage Range	Max. 150V								
Rated Charge Power	240W/12V 480W/24V	360W/12V 720W/24V	480W/12V 960W/24V	600W/12V 1200W/24V	720W/12V 1440W/24V	360W/12V 720W/24V 1080W/36V 1440W/48V	480W/12V 960W/24V 1440W/36V 1920W/48V	600W/12V 1200W/24V 1800W/36V 2400W/48V	720W/12V 1440W/24V 2160W/36V 2880W/48V
Self-consumption	<50mA (24V) / <35mA (48V)								
Discharge Circuit Voltage Drop	≤0.2V								
LVD	10.8V/21.6V/32.4V/43.2V								
LVR	12.6V/25.2V/37.8V/50.4V								
Float Voltage	13.8V/27.6V/41.4V/55.2V								
Boost Voltage	14.4V/28.8V/43.2V/57.6V								
Battery Type	GEL/ SLD/ FLD Lithium Batteries								
Grounding	Common Positive								
USB port	5V/2A [x2]			N/A		5V/2A [x2]		N/A	
Communication Port	N/A, Bluetooth and WiFi optional								
Temperature Compensate Coefficient	-4mV/°C/2V (25°C)								