



**Technical data**

	Power Tarom 2070	Power Tarom 2140	Power Tarom 4055	Power Tarom 4110
Nominal system voltage	12/24V	12/24V	48 V	48 V
Max. module current	70 (58A)	140 (116A)	55 (46A)	110 (92A)
Max. load current	70 (58A)	70 (58A)	55 (46A)	55 (46A)
All current values are for the same load and module current (=100%) at 20°C and 50°C (see graph below)				
Operating temperature range	-10°...+50° C			
Cable terminals	50 / 70 mm <sup>2</sup>			
Weight & dimension	9 / 10 kg, 330x360x190 mm			
Enclosure	powder coated steel, aluminium heatsink			
Protection degree	IP 65			
Self consumption	12mA			
Overtemperature	75°C, reset at 65°C			
Overvoltage	> 65V			
<b>Field adjustable parameters</b>	<b>range</b>	<b>default</b>		
End of charge voltage (HVD)	13.0..14,5V	13.7V		
Boost charge level	13.5..15.0V / 0.5..5h	14.7V / 2h		
Equalization charge level	14.0..15.5V / 0.5..5h	15.0V / 2h		
Load disconnect (SOC)	20..70% SOC	<30% SOC		
Low voltage disconnect (LVD)	11.0 ... 12.5V	11.4V		
Load reconnect (SOC)	40..90% SOC	>50% SOC		
Load reconnect (voltage)	11.8 ... 13,3V	12.6V		
Temperature compensation	-2mV...-8mV	-4mV / K		

