



## TECHNICAL PARAMETERS

Model	IR205	IR210	IR220
Rated charging current	5A	10A	20A
Rated discharging current	5A	10A	20A
Short-current protection	25A	25A	25A
System voltage	12V/24V Auto adapt		
Over current protection	<1.3 maintain for 60s		<1.6 maintain for 5s
	>1.6 shut down immediately		
Stand-by lost	<5mA		
Charge voltage drop	≤0.26V		
Discharge voltage drop	≤0.15V		
Max solar panel voltage	21V		
Operating temperature	-35°C to +55°C		
Equalize charging voltage	14.8V		
Bulk charging voltage	14.5V		
Acceptance charging voltage	14.2V		
Float charging	13.8V		
Charge return voltage	13.2V		
Discharge stop voltage	11.2V		
Discharge return voltage	12.6V		
Temperature compensation	N/C		
Control mode	PWM( Pulse Width Modulation )		
Maximum wire size	16AWG		
Size/weight	82x45x21mm/140g		