

ARPJ-OS12700 (8.4W, 700mA)



Features:

- Design for LED driving circuit.
- Small Size with 28.2mm (Length) * 22.2mm (Width) * 19.2mm (Height).
- Self adapting output voltage to suit for wide range Vf LED (Vf = 3.2V).
- Input voltage DC 7-24V / AC 7-21V.
- Constant output current.
- Output short circuit protection.
- Self over temperature protection.
- High conversion efficient (up to 90%).
- IP65 Design for indoor or outdoor installations.
- Weight 14g approximate.

Maximum Rating:

Parameter	Symbol	Value	Units
Supply Voltage	V_{in}	24VDC/21VAC	V
Max Operation Current	I_{max}	1	A
Operation Temperature Range	T_{op}	-10 to 50	°C
Storage Temperature	T_{stg}	-20 to 85	°C

Electrical Characteristics -- DC (@TA=25°C):

Input (V) DC			Output (V) DC *Note		Constant Current (mA)
Min	Typ	Max	Min	Max	
7	--	24	3	15	700

Note:

1) Output Voltage \leq Input Voltage - 3V (depend on loading)

Electrical Characteristics -- AC (@TA=25°C):

Input (V) DC			Output (V) DC *Note		Constant Current (mA)
Min	Typ	Max	Min	Max	
7	--	21	3	15	700

Note:

1) Output Voltage \leq Input Voltage - 3V (depend on loading)

AC/DC Constant Current LED Driver

