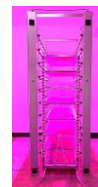


## PARUS LED grow light system

PPS (Plug Plant System) Specification



Product	Model Name		PPS
	System Power Consumption		1120 Watts (RBS1200mmx16pcs)
	Dimension(LxWxH)		1382mm x 893mm x 2150mm
	Weight		65kg(Approx)
Power	AC input voltage range		Free voltage 90~305VAC, 47~63Hz
	SMPS mode ( ballast )		DC Current Design(C.C Mode)
	Protection		NTC, Short circuit, Overload, Over voltage
	Power Factor		Over 95%, PFC >0.95
LEDs	Ratio(R:B:O)		(R8:B1:W1)
	Light source		Hi-Power PG LED
	Used LED		2~3 Watt(Double wavelength)
Heat Sink	Heat Sink Type		Water Cooling by free air convention
	FRAME Metrial	Body	Aluminium
		PCB	Metal PCB(aluminium)
		Heat conduction	2.0 w/m.k
		Thermal resistance	0.2 °C/w
IP Class	IP66		complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.
Efficiency	PPFD		270 umol m <sup>-2</sup> s <sup>-1</sup>
Water Spray	Spray		Mist nozzle, 96pcs Double side
	Water Usage		4.2 lite / Min (@50psi)
Ambient Temperature	Storage Temp.		-30°C ~ 85°C
	Operation Temp.		~35°C
	Angle		Lamp angle 60°
Life time			Over 50,000hr
Safety	Standard		CE, EMC, LVD
Warranty	3 year		(3 year)

