PROFLEX®
New Energy driving future power

SOLAR SYSTEM

PR-SHS1500 Series

Design Backup Time 5-6Hrs

	Item	PR-SHS1500
Solar Module	Maximum power at STC(pm)	800W Solar Panel (8pcs 100W, 4pcs series, 2strings parallel)
	Max. system charging voltage	69.2V
	Max. system charging current	11.58A
PRNZ-C Inverter & Solar Controller	Inverter Type	Pure sine wave with utility charger
	Inverter output power	1500VA (1200W)
	Inverter output voltage	220V / 50Hz
	System DC Voltage	48V
	Controller discharge current	30A
Cabinet	Material	Steel box of zinc-plated and lacquer-coated
Battery	Type	Deep Cycle
	System Voltage	48V
	Capacity	4pcs 12V 150Ah
Operating Temperature		-20°C ~ +55°C
Packing (CBM / KG)	Solar panel	0.30CBM / 90KGS
	Control box	0.054CBM / 23KGS
	Battery	0.12CBM / 185KGS
	Whole System	0.474CBM / 298KGS





Daily use reference

Name of Load	Power	Working Hours	Consumption
TV	120W	6hours	720Wh
COMPUTER	100W	4hours	400Wh
LIGHTING	60W	6hours	360Wh
FAN	2X80W	10hours	1600Wh
FRIDGE	120W	24hours	1440Wh
WASHING MACHINE	300W	1hours	300Wh
WATER PUMP	150W	2hours	300Wh
TOTAL	1010W		5120Wh



Applicable scope



