



Australian Government
National Solar Schools Program

Data Storage Solution – Approval Application Form

Data storage devices include hardware-based devices such as data-loggers, web-boxes, software-based solutions and offsite storage services.

Organisation details			Office Use Only	
Business name			Component No	
Trading name(s)				
Street address				
Postal address				
Phone		Email		
Facsimile		Web		
Contact person		Title		

Product Details			
Product name		Product number	
Data storage device type	Hardware-based	Software-based	Offsite

Product Documentation	
Technical information – attached, or web reference?	
Spec sheet – attached or web reference?	

Please refer to the National Solar Schools Program *Data Collection, Storage and Visualisation System Requirements and Specifications* when completing this section.

Please provide references to product documentation, where possible, that support compliance with the below requirements.

Data Storage Device Specification (hardware-based)	Please provide references to product documentation, where possible, to support verification
Please list compatible common communications protocols	
Please list communications ports, type and number	
Please list inputs/outputs, type and number	
Please list supported removable data card type	
Is a power supply required? What type?	
Does the unit accommodate battery backup?	
Is data able to be updated on a first in, first out (FIFO) capacity?	
Is data retrievable via query in .CSV format?	
Can data be stored with the precision of 1 decimal place?	
Is the data aggregated against the same time series, either by compatible software or within the logger itself?	
Are null records recordable with a time stamp and a zero value?	

Is the logger able to be password protected?	
Is the unit able to transfer data via FTP?	
Does the device have FTP-Push functionality?	

Data Storage Device Specification (software-based)	Please provide references to product documentation, where possible, to support verification
Please list compatible common communications protocols	
Data storage capacity? Does this accommodate 5 years of data at the recorded interval, for the variables recorded?	
Is data able to be updated on a first in, first out (FIFO) capacity?	
Is data retrievable via query in .CSV format?	
Can data be stored with the precision of 1 decimal place?	
Does the software store collected variables against the same time series?	
Are null records recorded with a time stamp and given a zero value?	
Is data accessible up to 24 hours before query, i.e. the software aggregates data daily?	
Does the software licence apply for the duration of the NSSP?	
Does the software licence agreement include a service and maintenance arrangement for management of the software for at least 5 years?	
Does the service and maintenance agreement include monitoring of data streams for integrity and correct operation of RE systems?	

Data Storage Device Specification (offsite storage)	Please provide references to product documentation, where possible, to support verification
<p>Data storage capacity?</p> <p>Does this accommodate 5 years of data at the recorded interval, for the variables recorded?</p>	
<p>Is data able to be updated on a first in, first out capacity?</p>	
<p>Is data able to be retrieved via query in .CSV format?</p>	
<p>Can data be stored with precision of 1 decimal place?</p>	
<p>Does the software store collected variables against the same time series?</p>	
<p>Are null records recorded with a time stamp and given a zero value?</p>	
<p>Is data able to be accessed up to 24 hours before query, i.e. software aggregates data daily?</p>	